

Converting Colors

XYZ(87.2917, 91.7937, 99.5048)

Have a look what the booklet for
XYZ(87.2917, 91.7937, 99.5048)
contains.

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Color

**XYZ(87.4432, 92.0969,
99.5539)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F6F5
RGB	246, 246, 245
RGB Percent	96%, 96%, 96%
CMY	0.0353, 0.0353, 0.0392
CMYK	0.00, 0.00, 0.00, 0.04
HSL	60°, 5%, 96%
HSV	60°, 0%, 96%
XYZ	87.4432, 92.0969, 99.5539
YIQ	245.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

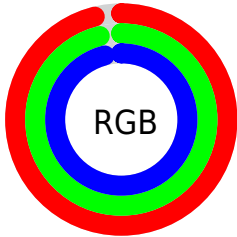
Format	Color
R _{YB}	245, 246, 245
Decimal	16185077
CIE _{Lab}	96.86, -0.17, 0.47
CIE _{LCh}	97, 0.499, 109.989
Y _{xy}	92.0969, 0.3133, 0.3300
Android (android.graphics.Color)	4294375157 (0xFFFF6F6F5)
Y _{UV}	245.8860, -0.4368, 0.1000
Hunter-Lab	95.9671, -5.2971, 5.6710

Details

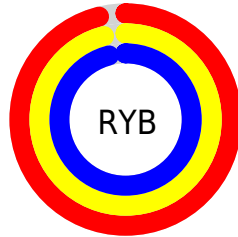
The XYZ color 87.4432, 92.0969, 99.5539 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.9466, 91.3736, 100.2477, and the grayscale version is 87.5107, 92.0681, 100.2622.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.8340, 51.4482, 55.5008 is the 20% darker color. If you saturate the color by 10%, you get 83.8989, 90.6779, 81.0696, and if you desaturate by 10%, it is 89.0508, 92.7471, 107.8162.

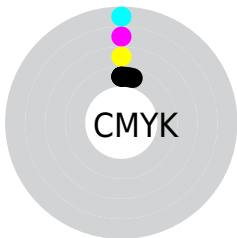
Distribution



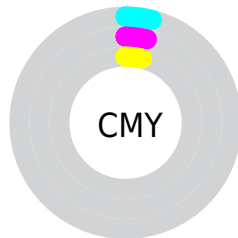
- Red (96%)
- Green (96%)
- Blue (96%)



- Red (96%)
- Yellow (96%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.4432, 92.0969, 99.5539 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 87.4432, 92.0969, 99.5539 by changing the saturation by 10% instead.

87.4432, 92.0969,
99.5539

87.4432, 92.0969,
99.5539

508.0408,
534.8286, 579.9959

66.1913, 69.7211,
75.3132

142.6782,
150.2477, 162.5905

48.6960, 51.2992,
55.3663

177.3920,
186.7915, 202.2236

34.5919, 36.4468,
39.2945

217.3239,
228.8267, 247.8245

23.5137, 24.7795,
26.6793

262.8391,
276.7378, 299.8118

15.0961, 15.9128,
17.1022

314.3031,
330.9092, 358.6041

8.9736, 9.4625,
10.1447

372.0811,

4.7809, 5.0441,

391.7252, 424.6198

5.3881

436.5386,
459.5702, 498.2776

■ 2.1527, 2.2731,
2.4140

■ 0.7177, 0.7594,
0.7941

■ 87.4432, 92.0969,
99.5539

■ 87.4432, 92.0969,
99.5539

■ 83.8989, 90.6779,
81.0696

■ 89.0508, 92.7471,
107.8162

■ 80.8319, 89.4468,
65.1103


■ 89.0875, 92.7660,
107.8180


■ 78.2239, 88.3994,
51.5680


■ 89.1243, 92.7850,
107.8197


■ 76.0526, 87.5267,
40.3252


■ 89.1610, 92.8039,
107.8214


 74.2937, 86.8189,
31.2540


 89.1978, 92.8229,
107.8231


 72.9207, 86.2654,
24.2144


 89.2346, 92.8418,
107.8248


 71.9037, 85.8544,
19.0500

 89.2714, 92.8608,
107.8266

 71.2089, 85.5723,
15.5817

 89.3082, 92.8798,
107.8283

 70.7955, 85.4027,
13.5954

 89.3451, 92.8988,
107.8300

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5822, 92.0969, 99.5193



87.4432, 92.0969, 99.5539



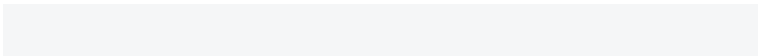
87.3290, 92.0969, 99.7822

Triad

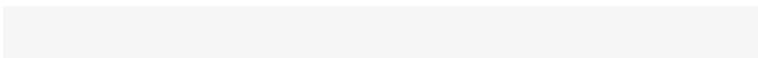
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4432, 92.0969, 99.5539



87.3621, 92.0969, 100.8705



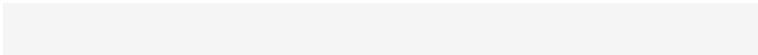
87.8011, 92.0969, 100.4122

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.4432, 92.0969, 99.5539



86.9466, 91.3736, 100.2477

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7420, 92.0969, 100.7752



87.4432, 92.0969, 99.5539



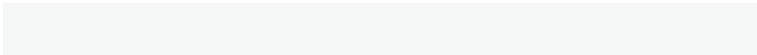
87.4885, 92.0969, 101.0403

Square

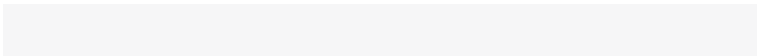
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



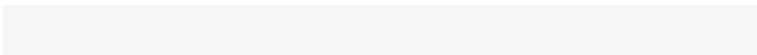
87.4432, 92.0969, 99.5539



87.2822, 92.0969, 100.5421



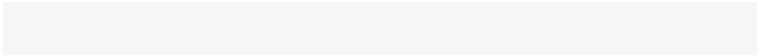
87.6275, 92.0969, 101.0053



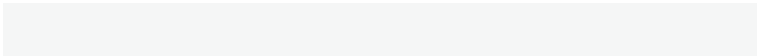
87.7890, 92.0969, 100.0141

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



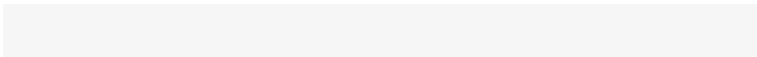
87.4432, 92.0969, 99.5539



87.2822, 92.0969, 100.0138



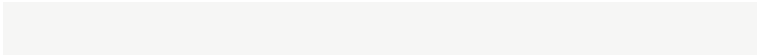
87.6275, 92.0969, 101.0053



87.7889, 92.0969, 100.5424

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.4458, 92.1009, 99.5559

95.0500, 100.0000, 108.9000



87.1427, 91.4924, 99.4544



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4458, 92.1009, 99.5559

95.0500, 100.0000, 108.9000



87.2714, 92.0110, 99.5477



18.6292, 19.5994, 21.3438



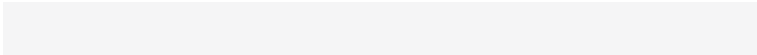
37.6848, 45.5400, 6.8039



3.3143, 4.0037, 0.5981

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86.9466, 91.3736, 100.2477

95.0500, 100.0000, 108.9000



87.1206, 91.4632, 100.2559



18.6292, 19.5994, 21.3438



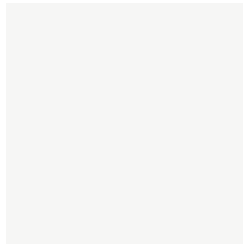
8.8888, 3.5567, 46.7560



0.7835, 0.3138, 4.1095

Previews

White Background



This preview shows how the XYZ color 87.4432, 92.0969, 99.5539 looks on a white background.

Color Contrast Check

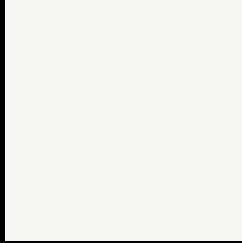
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 87.4432, 92.0969, 99.5539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

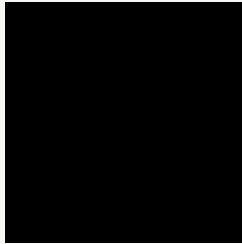
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

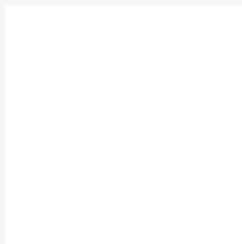
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.4432, 92.0969, 99.5539

Background



This preview shows how black text looks on a background with the XYZ color 87.4432, 92.0969, 99.5539.

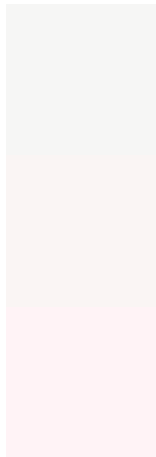


This preview shows how white text looks on a background with the XYZ color 87.4432, 92.0969,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.4432, 92.0969, 99.5539

Protanopia

88.4059, 92.1605, 98.7172

Deuteranopia

89.9251, 92.0150, 100.2099

Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

87.4432, 92.0969, 99.5539

Protanomaly

88.0485, 91.9762, 98.7005

Deuteranomaly

89.1301, 92.0506, 100.2587

Tritanomaly

88.4228, 92.0440, 104.3727

Monochromacy



Original Color

87.4432, 92.0969, 99.5539

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.5964, 92.1582, 100.3603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4432, 92.0969, 99.5539 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(246, 246, 245) looks like.

```
.text, #text, p{  
    color:rgb(246, 246, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 246, 245) }
```

Border

The CSS property to change the border of an element to XYZ 87.4432, 92.0969, 99.5539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 246, 245) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(246, 246, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(246, 246, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(246, 246,  
245) }
```


Background

The CSS property to change the background color of an element to XYZ 87.4432, 92.0969, 99.5539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 246, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
246, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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