

Converting Colors

XYZ(87.2378, 87.5261,
101.9250)

Have a look what the booklet for
XYZ(87.2378, 87.5261, 101.9250)
contains.

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Color

**XYZ(87.2392, 87.5259,
101.9187)**

Conversions

Conversions Part 1

Format	Color
Hex	FCECF9
RGB	252, 236, 249
RGB Percent	99%, 93%, 98%
CMY	0.0118, 0.0745, 0.0235
CMYK	0.00, 0.06, 0.01, 0.01
HSL	311°, 73%, 96%
HSV	311°, 6%, 99%
XYZ	87.2392, 87.5259, 101.9187
YIQ	242.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

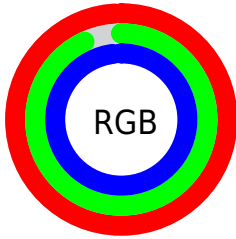
Format	Color
R _Y B	252, 236, 249
Decimal	16575737
CIE Lab	94.96, 7.64, -4.33
CIE LCh	95, 8.778, 330.446
Yxy	87.5259, 0.3153, 0.3163
Android (android.graphics.Color)	4294765817 (0xFFFC ⁹ ECF ⁹)
YUV	242.2660, 3.3199, 8.5367
Hunter-Lab	93.5553, 2.7274, 0.8984

Details

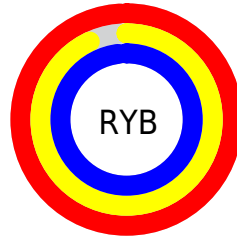
The XYZ color **87.2392, 87.5259, 101.9187** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.9858, 93.6880, 95.2703**, and the grayscale version is **84.5824, 88.9873, 96.9072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4526, 48.0949, 57.1816** is the 20% darker color. If you saturate the color by 10%, you get **79.7624, 73.7362, 95.8358**, and if you desaturate by 10%, it is **93.7513, 99.3541, 107.7736**.

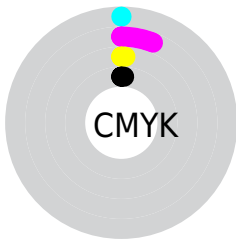
Distribution



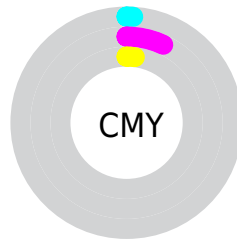
- Red (99%)
- Green (93%)
- Blue (98%)



- Red (99%)
- Yellow (93%)
- Blue (98%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2392, 87.5259, 101.9187 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 87.2392, 87.5259, 101.9187 by changing the saturation by 10% instead.

87.2392, 87.5259,
101.9187

87.2392, 87.5259,
101.9187

507.3813,
519.9494, 587.6260

66.0219, 65.9305,
77.2781

142.3954,
143.8969, 165.8662

48.5579, 48.2160,
56.9682

177.0651,
179.4414, 206.0103

34.4820, 33.9980,
40.5705

216.9495,
220.4042, 252.1592

23.4288, 22.8920,
27.6665

262.4141,
267.1700, 304.7315

15.0329, 14.5138,
17.8376

313.8243,
320.1230, 364.1458

8.9289, 8.4789,
10.6652

371.5453,

4.7516, 4.4029,

379.6476, 430.8206

5.7309

435.9425,
446.1283, 505.1745

■ 2.1355, 1.9014,
2.6160

■ 0.7084, 0.5492,
0.9007

■ 87.2392, 87.5259,
101.9187

■ 87.2392, 87.5259,
101.9187

■ 79.7624, 73.7362,
95.8358

■ 93.7513, 99.3541,
107.7736

■ 73.2826, 61.9121,
90.1751

■ 93.9554, 99.4357,
108.8488

■ 67.7564, 51.9661,
84.9224

■ 63.1346, 43.7996,
80.0606

■ 59.3631, 37.3052,
75.5711

■ 56.3823, 32.3636,
71.4333

■ 54.1247, 28.8398,
67.6239

■ 52.5110, 26.5758,
64.1159

■ 51.4425, 25.3744,
60.8757

Harmonies

Analogous

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



85.5335, 87.5259, 107.0632



87.2392, 87.5259, 101.9187



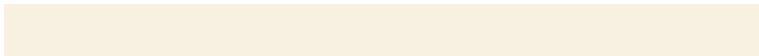
87.8556, 87.5259, 95.1987

Triad

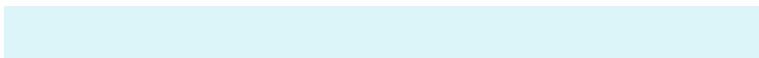
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2392, 87.5259, 101.9187



83.1551, 87.5259, 82.7758



79.3041, 87.5259, 102.1039

Complementary

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



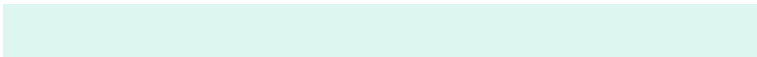
87.2392, 87.5259, 101.9187



84.9858, 93.6880, 95.2703

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.



78.6940, 87.5259, 95.4030



87.2392, 87.5259, 101.9187



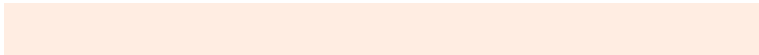
80.8912, 87.5259, 84.4331

Square

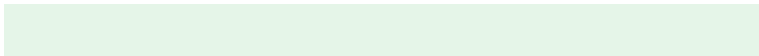
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



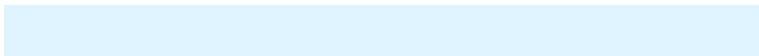
87.2392, 87.5259, 101.9187



85.4705, 87.5259, 84.3389



79.2695, 87.5259, 88.9758



80.9519, 87.5259, 107.1737

Rectangle

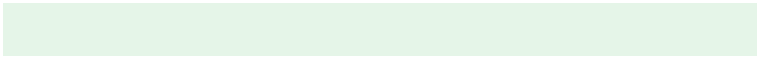
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



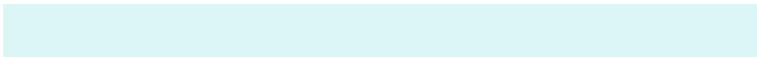
87.2392, 87.5259, 101.9187



87.5569, 87.5259, 90.7914



79.2695, 87.5259, 88.9758



78.9722, 87.5259, 99.9572

Sweetspot

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



87.2417, 87.5297, 101.9206



93.2909, 96.7276, 107.5558



83.1439, 85.3627, 104.1912



19.9865, 20.7380, 23.0355



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



87.2417, 87.5297, 101.9206



88.2740, 87.4239, 103.6326



86.0304, 87.0452, 95.5420



17.8452, 17.4654, 21.0406



26.6873, 13.0906, 31.3914



2.5065, 1.2264, 3.0909

Inverse Universe

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



87.2417, 87.5297, 101.9206



88.2740, 87.4239, 103.6326



86.1836, 94.1671, 101.5778



17.8452, 17.4654, 21.0406



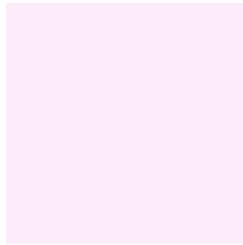
26.6873, 13.0906, 31.3914



2.5065, 1.2264, 3.0909

Previews

White Background



This preview shows how the XYZ color 87.2392, 87.5259, 101.9187 looks on a white background.

Color Contrast Check

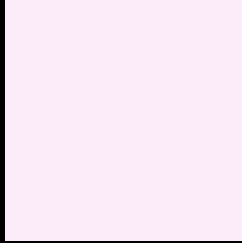
Large Text (above 18pt) WCAG AA × Fail

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 87.2392, 87.5259, 101.9187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

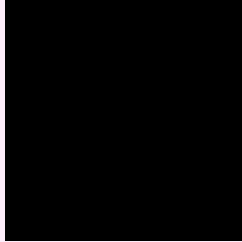
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.2392, 87.5259, 101.9187

Background



This preview shows how black text looks on a background with the XYZ color 87.2392, 87.5259, 101.9187.



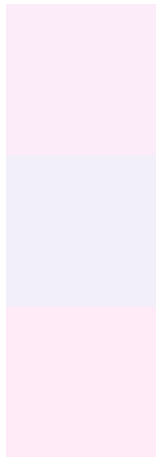
This preview shows how white text looks on a background with the XYZ color 87.2392, 87.5259,

101.9187.

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

87.2392, 87.5259, 101.9187

Protanopia

84.8970, 87.5753, 103.6960

Deuteranopia

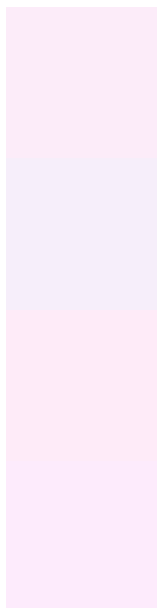
87.7368, 87.3921, 100.2398



Tritanopia

88.1057, 87.4551, 106.0028

Trichromacy



Original Color

87.2392, 87.5259, 101.9187

Protanomaly

85.8359, 87.6440, 102.8354

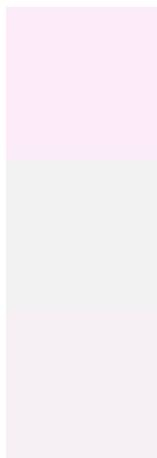
Deuteranomaly

87.5247, 87.2648, 101.0377

Tritanomaly

87.7870, 87.3276, 104.3245

Monochromacy



Original Color

87.2392, 87.5259, 101.9187

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.6476, 88.5056, 98.9554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2392, 87.5259, 101.9187 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(252, 236, 249) looks like.

```
.text, #text, p{  
    color:rgb(252, 236, 249)  
}
```

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(252, 236, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 236, 249) }
```

Border

The CSS property to change the border of an element to XYZ 87.2392, 87.5259, 101.9187 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(252, 236, 249) }
```


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

```
.border{ border-color:rgb(252, 236, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 236, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 236, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 236, 249);  
box-shadow:4px 4px 4px 4px rgb(252, 236,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2392, 87.5259, 101.9187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 236, 249) }
```

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

```
.background{ background-color: rgb(252,  
236, 249) }
```

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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