

Converting Colors

XYZ(99.7427, 96.4583,
104.1153)

Have a look what the booklet for
XYZ(99.7427, 96.4583, 104.1153)
contains.

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Color

**XYZ(90.2474, 91.6664,
103.3793)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2FA
RGB	255, 242, 250
RGB Percent	100%, 95%, 98%
CMY	0.0000, 0.0510, 0.0196
CMYK	0.00, 0.05, 0.02, 0.00
HSL	323°, 100%, 97%
HSV	323°, 5%, 100%
XYZ	90.2474, 91.6664, 103.3793
YIQ	246.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 242, 250
Decimal	16773882
CIE _{Lab}	96.68, 5.73, -2.29
CIE _{LCh}	97, 6.172, 338.228
Yxy	91.6664, 0.3163, 0.3213
Android (android.graphics.Color)	4294963962 (0xFFFFF2FA)
YUV	246.7990, 1.5781, 7.1923
Hunter-Lab	95.7426, 0.7054, 3.0006

Details

The XYZ color **90.2474, 91.6664, 103.3793** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.1692, 97.1140, 102.0444**, and the grayscale version is **88.2314, 92.8263, 101.0878**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.5852, 51.0186, 58.2204** is the 20% darker color. If you saturate the color by 10%, you get **81.6825, 76.9342, 93.1328**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (95%)

Blue (98%)



Red (100%)

Yellow (95%)

Blue (98%)



Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 90.2474, 91.6664, 103.3793 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 90.2474, 91.6664, 103.3793 by changing the saturation by 10% instead.


 90.2474, 91.6664,
103.3793

 90.2474, 91.6664,
103.3793

517.0612,
533.4368, 592.3125

 68.5228, 69.3636,
78.4932


146.5586,
149.6509, 167.8857

 50.5984, 51.0079,
57.9603


181.8759,
186.1015, 208.3430

 36.1088, 36.2149,
41.3623


222.4548,
228.0367, 254.8277

 24.6888, 24.6002,
28.2804

268.6607,
275.8410, 307.7585

 15.9728, 15.7794,
18.2963

320.8590,
329.8987, 367.5538

 9.5957, 9.3682,
10.9913

379.4149,

 5.1919, 4.9821,

390.5943, 434.6322

5.9469

444.6939,
458.3122, 509.4123

■ 2.3962, 2.2368,
2.7445

■ 0.8432, 0.7399,
0.9657

■ 90.2474, 91.6664,
103.3793

■ 90.2474, 91.6664,
103.3793

■ 81.6825, 76.9342,
93.1328

95.0500, 100.0000,
108.9000

■ 74.2090, 64.2590,
83.6376

■ 67.7811, 53.5510,
74.8736

■ 62.3474, 44.7093,
66.8176

■ 57.8520, 37.6241,
59.4444

■ 54.2331, 32.1738,
52.7270

■ 51.4209, 28.2214,
46.6353

■ 49.3345, 25.6071,
41.1355

■ 47.8744, 24.1341,
36.1871

Harmonies

Analogous

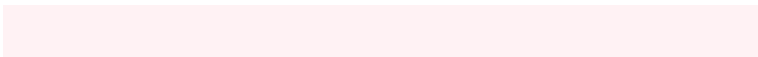
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.1978, 91.6664, 107.4701



90.2474, 91.6664, 103.3793



90.4551, 91.6664, 98.4539

Triad

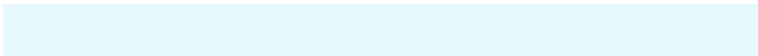
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2474, 91.6664, 103.3793



86.6516, 91.6664, 90.6871



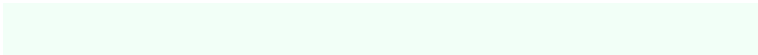
84.5428, 91.6664, 105.8121

Complementary

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



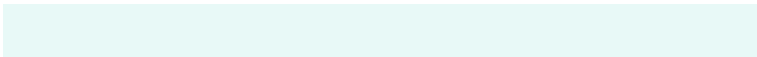
90.2474, 91.6664, 103.3793



89.1692, 97.1140, 102.0444

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.



83.8799, 91.6664, 101.1768



90.2474, 91.6664, 103.3793



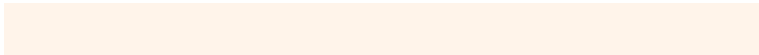
85.0869, 91.6664, 92.5212

Square

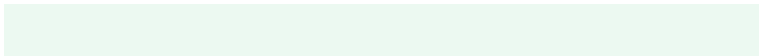
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



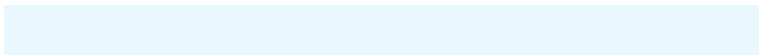
90.2474, 91.6664, 103.3793



88.3640, 91.6664, 91.2329



84.0777, 91.6664, 96.3221



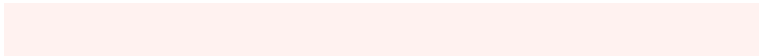
85.8999, 91.6664, 108.9067

Rectangle

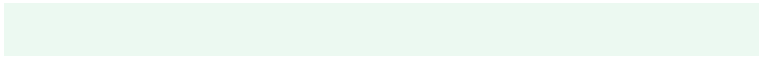
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



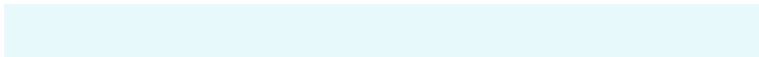
90.2474, 91.6664, 103.3793



90.0856, 91.6664, 95.3770



84.0777, 91.6664, 96.3221



84.2322, 91.6664, 104.3765

Sweetspot

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



90.2495, 91.6701, 103.3813



93.1302, 96.6634, 106.7098



88.1572, 90.4997, 107.4295



19.9538, 20.7249, 22.8634



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

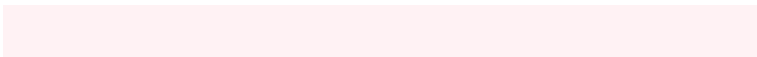
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2495, 91.6701, 103.3813



89.4286, 90.2504, 102.4229



89.2506, 91.2705, 98.1209



19.0157, 19.1002, 21.7754



24.7999, 12.4093, 18.1287



2.4681, 1.2296, 2.0465

Inverse Universe

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



90.2495, 91.6701, 103.3813



89.4286, 90.2504, 102.4229



90.1869, 97.5211, 107.4034



19.0157, 19.1002, 21.7754



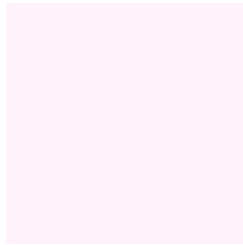
24.7999, 12.4093, 18.1287



2.4681, 1.2296, 2.0465

Previews

White Background



This preview shows how the XYZ color 90.2474, 91.6664, 103.3793 looks on a white background.

Color Contrast Check

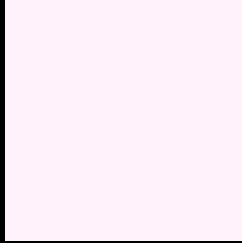
Large Text (above 18pt) WCAG AA × Fail

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 90.2474, 91.6664, 103.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

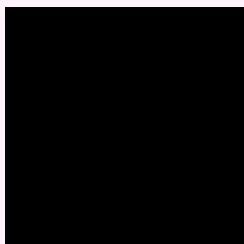
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.2474, 91.6664, 103.3793

Background



This preview shows how black text looks on a background with the XYZ color 90.2474, 91.6664, 103.3793.

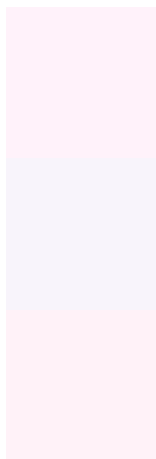


This preview shows how white text looks on a background with the XYZ color 90.2474, 91.6664,

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

90.2474, 91.6664, 103.3793

Protanopia

88.4747, 91.6229, 104.2887

Deuteranopia

89.9354, 91.5416, 101.7361



Tritanopia

90.3101, 91.6069, 107.5298

Trichromacy



Original Color

90.2474, 91.6664, 103.3793

Protanomaly

89.2468, 91.5754, 104.2388

Deuteranomaly

90.0910, 91.6038, 102.5555

Tritanomaly

90.3548, 91.6669, 105.8598

Monochromacy



Original Color

90.2474, 91.6664, 103.3793

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

89.0200, 92.4061, 101.9512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.2474, 91.6664, 103.3793 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(255, 242, 250) looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 250)  
}
```

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(255, 242, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 250) }
```

Border

The CSS property to change the border of an element to XYZ 90.2474, 91.6664, 103.3793 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(255, 242, 250) }
```


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

```
.border{ border-color:rgb(255, 242, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 90.2474, 91.6664, 103.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 250) }
```

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

```
.background{ background-color: rgb(255,  
242, 250) }
```

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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