

Converting Colors

XYZ(50.0797, 40.1796, 25.1946)

Have a look what the booklet for
XYZ(50.0797, 40.1796, 25.1946)
contains.

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Color

**XYZ(50.0797, 40.1796,
25.1946)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F1907F |
| RGB | 241, 144, 127 |
| RGB Percent | 95%, 56%, 50% |
| CMY | 0.0549, 0.4353, 0.5020 |
| CMYK | 0.00, 0.40, 0.47, 0.05 |
| HSL | 9°, 80%, 72% |
| HSV | 9°, 47%, 95% |
| XYZ | 50.0797, 40.1796, 25.1946 |
| YIQ | 171.0650, 63.2690, 15.2770 |

Conversions

Conversions Part 2

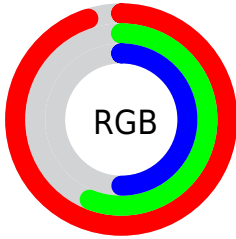
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 241, 147, 127 |
| Decimal | 15831167 |
| CIE Lab | 69.60, 34.89, 24.80 |
| CIE LCh | 70, 42.802, 35.403 |
| Yxy | 40.1796, 0.4338, 0.3480 |
| Android (android.graphics.Color) | 4294021247 (0xFFFF1907F) |
| YUV | 171.0650, -21.7240, 61.3330 |
| Hunter-Lab | 63.3874, 30.0974, 20.8052 |

Details

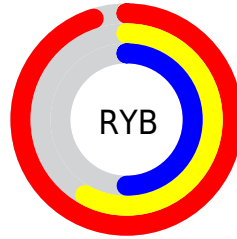
The XYZ color **50.0797, 40.1796, 25.1946** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.2839, 64.1713, 92.9024**, and the grayscale version is **38.8258, 40.8478, 44.4832**.

A 20% lighter version of the original color is **69.9016, 65.4021, 52.1197**, and **24.4937, 18.1494, 9.4200** is the 20% darker color. If you saturate the color by 10%, you get **45.8642, 33.9688, 16.9453**, and if you desaturate by 10%, it is **55.2369, 47.6728, 35.6117**.

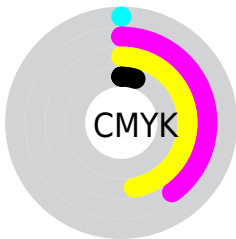
Distribution



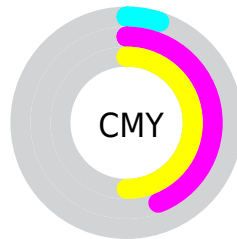
- Red (95%)
- Green (56%)
- Blue (50%)



- Red (95%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (40%)
- Yellow (47%)
- Black (5%)




- Cyan (5%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0797, 40.1796, 25.1946 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 50.0797, 40.1796, 25.1946 by changing the saturation by 10% instead.


 50.0797, 40.1796,
25.1946


 50.0797, 40.1796,
25.1946


377.4244,
346.8800, 292.2843

 35.6948, 27.6786,
16.0018


 89.4841, 75.4369,
52.9408

 24.3676, 18.0835,
9.3710


 115.2342, 98.9620,
72.3312

 15.7327, 11.0100,
4.8839


 145.5035,
126.9307, 95.9579

 9.4249, 6.0735,
2.1217

180.6573,
159.7272, 124.2394

 5.0786, 2.8899,
0.6287

221.0609,
197.7359, 157.5942

 2.3287, 1.0745,
0.0000

267.0797,

 0.8093, 0.0000,

241.3414, 196.4410

0.0000

319.0791,
290.9280, 241.1982

■ 0.0000, 0.0000,
0.0000

■ 50.0797, 40.1796,
25.1946

■ 50.0797, 40.1796,
25.1946

■ 45.8642, 33.9688,
16.9453

■ 55.2369, 47.6728,
35.6117

■ 42.5296, 28.9622,
10.7080

■ 61.3857, 56.5086,
48.3330

■ 40.0126, 25.0828,
6.3096


■ 68.5757, 66.7508,
63.4862


■ 38.2396, 22.2414,
3.5465

■ 76.8526, 78.4572,
81.1891

■ 37.1209, 20.3344,
2.1551

■ 86.2592, 91.6824,
101.5518

 36.9050, 19.9595,
1.9075

 90.0856, 97.4408,
108.6677

Harmonies

Analogous

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



53.0086, 40.1796, 40.2615



50.0797, 40.1796, 25.1946



43.9931, 40.1796, 17.4630

Triad

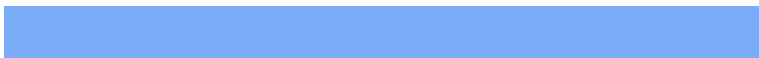
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.0797, 40.1796, 25.1946



27.3344, 40.1796, 29.7407



39.4547, 40.1796, 93.6391

Complementary

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



50.0797, 40.1796, 25.1946



51.2839, 64.1713, 92.9024

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.



32.9202, 40.1796, 88.2886



50.0797, 40.1796, 25.1946



26.4269, 40.1796, 47.4317

Square

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



50.0797, 40.1796, 25.1946



30.9956, 40.1796, 19.4790



28.3481, 40.1796, 69.7131



46.4184, 40.1796, 82.6876

Rectangle

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



50.0797, 40.1796, 25.1946



39.2647, 40.1796, 15.7184



28.3481, 40.1796, 69.7131



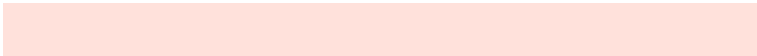
37.1341, 40.1796, 93.7166

Sweetspot

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



50.0807, 40.1816, 25.1954



80.8898, 80.0384, 78.4107



57.5652, 39.3598, 76.3709



16.8943, 16.5372, 15.8896



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.



50.0807, 40.1816, 25.1954



52.1964, 38.7002, 19.3710



60.5760, 61.1722, 28.6938



15.9631, 16.1393, 16.4236



20.0724, 10.9428, 1.0542



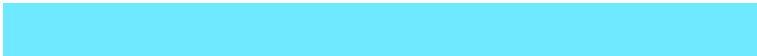
1.7273, 1.0253, 0.1069

Inverse Universe

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



51.2839, 64.1713, 92.9024



53.6659, 68.9705, 105.0919



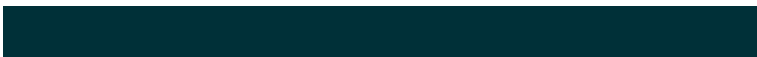
38.7807, 39.1648, 88.7346



16.0348, 17.5036, 20.2550



20.5339, 27.2920, 49.3135



1.7623, 2.3785, 4.1204

Previews

White Background



This preview shows how the XYZ color 50.0797, 40.1796, 25.1946 looks on a white background.

Color Contrast Check

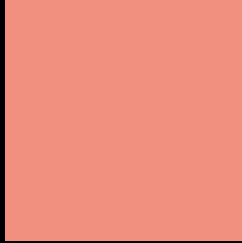
Large Text (above 18pt) WCAG AA × Fail

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 50.0797, 40.1796, 25.1946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

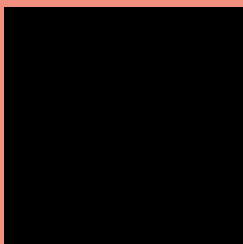
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0797, 40.1796, 25.1946

Background



This preview shows how black text looks on a background with the XYZ color 50.0797, 40.1796, 25.1946.



This preview shows how white text looks on a background with the XYZ color 50.0797, 40.1796,

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

50.0797, 40.1796, 25.1946

Protanopia

37.8573, 40.3168, 30.2127

Deuteranopia

41.0295, 40.1810, 24.3321



Tritanopia

52.0729, 40.3388, 34.3198

Trichromacy



Original Color

50.0797, 40.1796, 25.1946

Protanomaly

41.4752, 39.7956, 28.4170

Deuteranomaly

43.8455, 39.8311, 24.4460

Tritanomaly

51.1734, 40.1762, 30.6488

Monochromacy



Original Color

50.0797, 40.1796, 25.1946

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.4262, 39.5921, 36.4690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0797, 40.1796, 25.1946 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(241, 144, 127)` looks like.

```
.text, #text, p{  
    color:rgb(241, 144, 127)  
}
```

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(241, 144, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 144, 127) }
```

Border

The CSS property to change the border of an element to XYZ 50.0797, 40.1796, 25.1946 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(241, 144, 127) }
```


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

```
.border{ border-color:rgb(241, 144, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 144, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 144, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 144, 127);  
box-shadow:4px 4px 4px 4px rgb(241, 144,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0797, 40.1796, 25.1946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 144, 127) }
```

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

```
.background{ background-color: rgb(241,  
144, 127) }
```

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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