

Converting Colors

XYZ(60.6411, 54.6526, 25.0745)

Have a look what the booklet for
XYZ(60.6411, 54.6526, 25.0745)
contains.

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Color

**XYZ(60.7503, 54.8563,
25.1557)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB378 |
| RGB | 255, 179, 120 |
| RGB Percent | 100%, 70%, 47% |
| CMY | 0.0000, 0.2980, 0.5294 |
| CMYK | 0.00, 0.30, 0.53, 0.00 |
| HSL | 26°, 100%, 74% |
| HSV | 26°, 53%, 100% |
| XYZ | 60.7503, 54.8563, 25.1557 |
| YIQ | 194.9980, 64.2350, -2.2370 |

Conversions

Conversions Part 2

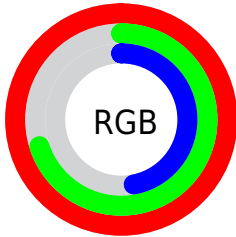
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 225, 120 |
| Decimal | 16757624 |
| CIE _{Lab} | 78.96, 21.39, 41.00 |
| CIE _{LCh} | 79, 46.246, 62.443 |
| Yxy | 54.8563, 0.4316, 0.3897 |
| Android (android.graphics.Color) | 4294947704 (0xFFFFB378) |
| YUV | 194.9980, -36.9740, 52.6218 |
| Hunter-Lab | 74.0650, 16.7971, 31.7081 |

Details

The XYZ color **60.7503, 54.8563, 25.1557** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.5346, 50.6906, 101.9918**, and the grayscale version is **52.0584, 54.7695, 59.6440**.

A 20% lighter version of the original color is **78.4912, 83.6938, 51.5528**, and **31.0720, 26.9660, 9.3616** is the 20% darker color. If you saturate the color by 10%, you get **56.6754, 48.8622, 17.1524**, and if you desaturate by 10%, it is **65.5394, 61.6197, 35.4308**.

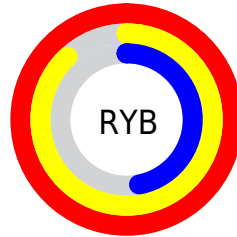
Distribution



Red (100%)

Green (70%)

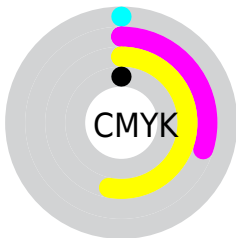
Blue (47%)



Red (100%)

Yellow (88%)

Blue (47%)

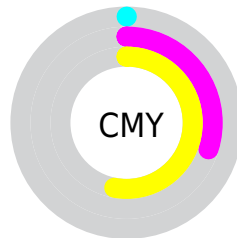


Cyan (0%)

Magenta (30%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7503, 54.8563, 25.1557 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 60.7503, 54.8563, 25.1557 by changing the saturation by 10% instead.


 60.7503, 54.8563,
25.1557


 60.7503, 54.8563,
25.1557


417.1484,
405.3670, 292.0849


 44.2755, 39.2867,
15.9730


 105.0175, 97.3304,
52.8770

 31.0860, 26.9828,
9.3509


 133.5405,
125.0036, 72.2526

 20.8165, 17.5603,
4.8708


 166.8103,
157.4802, 95.8630

 13.1016, 10.6348,
2.1143

205.1923,
195.1445, 124.1267

 7.5760, 5.8218,
0.6242

249.0517,
238.3810, 157.4621

 3.8744, 2.7370,
0.0000

298.7539,

 1.6313, 0.9960,

287.5739, 196.2880

0.0000

354.6644,
343.1078, 241.0227

■ 0.4127, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7503, 54.8563,
25.1557

■ 60.7503, 54.8563,
25.1557

■ 56.6754, 48.8622,
17.1524

■ 65.5394, 61.6197,
35.4308

■ 53.2681, 43.5976,
11.2382

■ 71.0773, 69.1735,
48.1346

■ 50.4814, 39.0305,
7.2071

■ 77.4008, 77.5481,
63.4133

■ 48.2583, 35.1220,
4.8081

■ 84.5427, 86.7696,
81.4007

46.9742, 32.7285,
3.8414

92.5340, 96.8626,
102.2214

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



68.5216, 54.8563, 36.4831



60.7503, 54.8563, 25.1557



51.3896, 54.8563, 22.0890

Triad

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



60.7503, 54.8563, 25.1557



36.4003, 54.8563, 61.9127



62.2065, 54.8563, 113.4360

Complementary

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



60.7503, 54.8563, 25.1557



45.5346, 50.6906, 101.9918

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.



52.8962, 54.8563, 125.9116



60.7503, 54.8563, 25.1557



38.6013, 54.8563, 91.2043

Square

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



60.7503, 54.8563, 25.1557



37.9881, 54.8563, 39.2398



44.3830, 54.8563, 116.7769



69.4293, 54.8563, 86.3385

Rectangle

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



60.7503, 54.8563, 25.1557



45.6791, 54.8563, 24.0984



44.3830, 54.8563, 116.7769



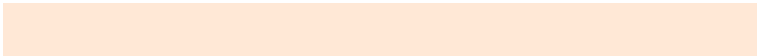
59.1815, 54.8563, 119.7867

Sweetspot

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



60.7516, 54.8590, 25.1568



82.2690, 83.8570, 75.6023



57.9775, 38.7017, 56.9382



17.2910, 17.5391, 15.3785



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

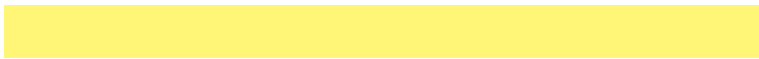
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7516, 54.8590, 25.1568



56.2836, 48.2704, 16.4301



77.5858, 88.5275, 30.7682



18.6626, 19.2933, 18.8847



24.6875, 17.3863, 2.0547



2.5102, 1.9057, 0.2355

Inverse Universe

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



45.5346, 50.6906, 101.9918



39.5153, 43.6283, 100.9462



33.6464, 26.9141, 98.0290



17.8514, 19.0745, 22.9908



14.7581, 14.4258, 51.4412



1.5457, 1.6222, 5.0449

Previews

White Background



This preview shows how the XYZ color 60.7503, 54.8563, 25.1557 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 60.7503, 54.8563, 25.1557 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 60.7503, 54.8563, 25.1557

Background



This preview shows how black text looks on a background with the XYZ color 60.7503, 54.8563, 25.1557.



This preview shows how white text looks on a background with the XYZ color 60.7503, 54.8563,

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

60.7503, 54.8563, 25.1557

Protanopia

50.9464, 55.1323, 27.6951

Deuteranopia

55.9654, 54.8532, 24.7776



Tritanopia

64.9405, 54.6499, 53.0247

Trichromacy



Original Color

60.7503, 54.8563, 25.1557

Protanomaly

54.0465, 54.7761, 26.7931

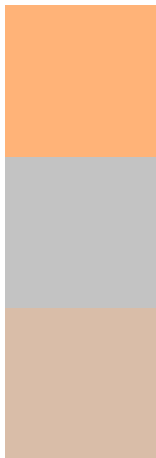
Deuteranomaly

57.7785, 54.8460, 24.9938

Tritanomaly

63.0030, 54.4932, 40.9158

Monochromacy



Original Color

60.7503, 54.8563, 25.1557

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.8808, 53.9741, 44.6240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7503, 54.8563, 25.1557 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, 179, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 120)  
}
```

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, 179, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 120) }
```

Border

The CSS property to change the border of an element to XYZ 60.7503, 54.8563, 25.1557 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, 179, 120) }
```


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

```
.border{ border-color:rgb(255, 179, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7503, 54.8563, 25.1557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 120) }
```

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

```
.background{ background-color: rgb(255,  
179, 120) }
```

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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