

Converting Colors

XYZ(63.3450, 60.2982, 26.7943)

Have a look what the booklet for
XYZ(63.3450, 60.2982, 26.7943)
contains.

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Color

**XYZ(63.2355, 60.1752,
26.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC07A
RGB	254, 192, 122
RGB Percent	100%, 75%, 48%
CMY	0.0039, 0.2470, 0.5216
CMYK	0.00, 0.24, 0.52, 0.00
HSL	32°, 99%, 74%
HSV	32°, 52%, 100%
XYZ	63.2355, 60.1752, 26.6945
YIQ	202.5580, 59.4220, -8.6260

Conversions

Conversions Part 2

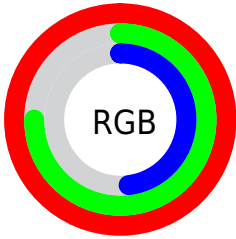
Format	Color
R _Y B	239, 254, 122
Decimal	16695418
CIE Lab	81.93, 14.37, 43.68
CIE LCh	82, 45.978, 71.792
Yxy	60.1752, 0.4213, 0.4009
Android (android.graphics.Color)	4294885498 (0xFFFE07A)
YUV	202.5580, -39.7151, 45.1146
Hunter-Lab	77.5727, 9.7570, 33.8979

Details

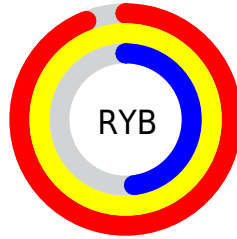
The XYZ color **63.2355, 60.1752, 26.6945** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.0552, 45.5724, 100.2926**, and the grayscale version is **56.7038, 59.6568, 64.9663**.

A 20% lighter version of the original color is **82.6439, 91.5294, 54.3854**, and **32.6181, 30.3895, 10.1078** is the 20% darker color. If you saturate the color by 10%, you get **59.3489, 54.6002, 18.6232**, and if you desaturate by 10%, it is **67.7486, 66.3452, 37.0047**.

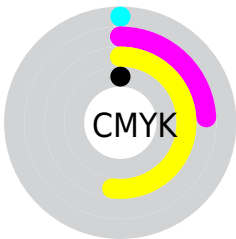
Distribution



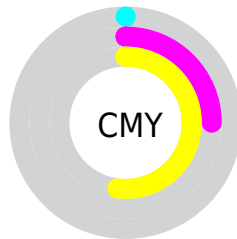
- Red (100%)
- Green (75%)
- Blue (48%)



- Red (94%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (24%)
- Yellow (52%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2355, 60.1752, 26.6945 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 63.2355, 60.1752, 26.6945 by changing the saturation by 10% instead.


 63.2355, 60.1752,
26.6945


 63.2355, 60.1752,
26.6945


426.0698,
425.2433, 299.8881


 46.2911, 43.5599,
17.1135


 108.5891,
105.0838, 55.3910

 32.6812, 30.3246,
10.1526


 137.7290,
134.1458, 75.3436

 22.0404, 20.0851,
5.3934


 171.6648,
168.1255, 99.5905

 14.0034, 12.4569,
2.4171

210.7619,
207.4073, 128.5502

 8.2047, 7.0557,
0.7957

255.3856,
252.3756, 162.6413

 4.2791, 3.4969,
0.0000

305.9012,

 1.8612, 1.3963,

303.4148, 202.2823

0.0000

362.6741,
360.9092, 247.8917

■ 0.5541, 0.2140,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2355, 60.1752,
26.6945

■ 63.2355, 60.1752,
26.6945

■ 59.3489, 54.6002,
18.6232

■ 67.7486, 66.3452,
37.0047

■ 56.0467, 49.5883,
12.6129

■ 72.9178, 73.1228,
49.7058

■ 53.2874, 45.1170,
8.4643

■ 78.7760, 80.5309,
64.9405

■ 51.0200, 41.1572,
5.9358

■ 85.3522, 88.5883,
82.8391

■ 49.4961, 38.3173,
4.7872

■ 92.6734, 97.3131,
103.5231

94.6829, 99.8107,
108.8828

Harmonies

Analogous

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



72.2908, 60.1752, 35.9324



63.2355, 60.1752, 26.6945



53.4599, 60.1752, 25.8514

Triad

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



63.2355, 60.1752, 26.6945



40.7815, 60.1752, 77.0783



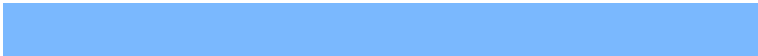
70.5754, 60.1752, 114.0762

Complementary

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



63.2355, 60.1752, 26.6945



43.0552, 45.5724, 100.2926

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.



61.0995, 60.1752, 133.1214



63.2355, 60.1752, 26.6945



44.3617, 60.1752, 108.0544

Square

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



63.2355, 60.1752, 26.6945



41.2151, 60.1752, 50.1786



51.5515, 60.1752, 130.6495



76.8480, 60.1752, 83.7086

Rectangle

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



63.2355, 60.1752, 26.6945



47.9030, 60.1752, 29.7441



51.5515, 60.1752, 130.6495



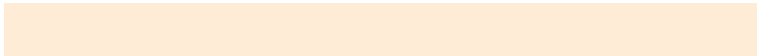
67.6164, 60.1752, 122.3556

Sweetspot

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



63.2370, 60.1781, 26.6957



83.3520, 86.0230, 75.9633



56.6745, 38.5271, 50.7929



17.5486, 18.0544, 15.4644



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.



63.2370, 60.1781, 26.6957



59.8657, 55.0665, 18.7585



79.0270, 92.9465, 32.1884



18.8069, 19.5821, 18.9328



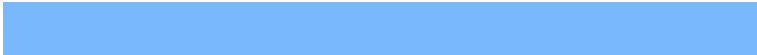
26.2442, 20.4997, 2.5736



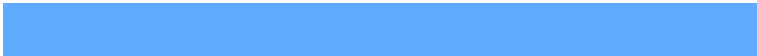
2.6647, 2.2148, 0.2871

Inverse Universe

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



43.0552, 45.5724, 100.2926



37.5608, 38.9392, 100.1441



33.1906, 25.3755, 96.9141



17.7064, 18.7845, 22.9425



13.0726, 11.0548, 50.8794



1.3811, 1.2929, 4.9900

Previews

White Background



This preview shows how the XYZ color 63.2355, 60.1752, 26.6945 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 63.2355, 60.1752, 26.6945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

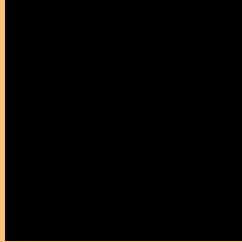
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2355, 60.1752, 26.6945

Background



This preview shows how black text looks on a background with the XYZ color 63.2355, 60.1752, 26.6945.



This preview shows how white text looks on a background with the XYZ color 63.2355, 60.1752,

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

63.2355, 60.1752, 26.6945

Protanopia

55.8551, 60.4060, 28.7943

Deuteranopia

61.6777, 60.3671, 26.4904



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

63.2355, 60.1752, 26.6945

Protanomaly

58.2876, 60.2816, 27.9655

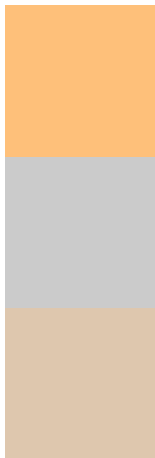
Deuteranomaly

62.1673, 60.2880, 26.4493

Tritanomaly

66.4789, 60.1287, 46.1324

Monochromacy



Original Color

63.2355, 60.1752, 26.6945

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.1876, 59.4324, 48.4492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2355, 60.1752, 26.6945 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(254, 192, 122)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 122)  
}
```

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(254, 192, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 122) }
```

Border

The CSS property to change the border of an element to XYZ 63.2355, 60.1752, 26.6945 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(254, 192, 122) }
```


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

```
.border{ border-color:rgb(254, 192, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 192, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 122);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2355, 60.1752, 26.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 192, 122) }
```

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

```
.background{ background-color: rgb(254,  
192, 122) }
```

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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