

Converting Colors

XYZ(76.2153, 61.9560, 26.0844)

Have a look what the booklet for
XYZ(76.2153, 61.9560, 26.0844)
contains.

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Color

**XYZ(60.2165, 53.6911,
25.2788)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB079
RGB	255, 176, 121
RGB Percent	100%, 69%, 47%
CMY	0.0000, 0.3098, 0.5255
CMYK	0.00, 0.31, 0.53, 0.00
HSL	25°, 100%, 74%
HSV	25°, 53%, 100%
XYZ	60.2165, 53.6911, 25.2788
YIQ	193.3510, 64.7390, -0.3570

Conversions

Conversions Part 2

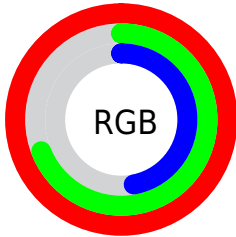
Format	Color
R_{YB}	255, 214, 121
Decimal	16756857
CIE _{Lab}	78.28, 23.05, 39.63
CIE _{LCh}	78, 45.847, 59.819
Yxy	53.6911, 0.4326, 0.3857
Android (android.graphics.Color)	4294946937 (0xFFFFB079)
YUV	193.3510, -35.6690, 54.0662
Hunter-Lab	73.2742, 18.4608, 30.8375

Details

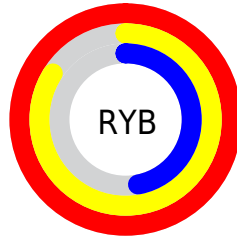
The XYZ color **60.2165, 53.6911, 25.2788** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.5884, 52.5911, 102.3030**, and the grayscale version is **51.0731, 53.7329, 58.5151**.

A 20% lighter version of the original color is **77.7366, 82.0292, 51.7805**, and **30.7260, 26.2230, 9.4033** is the 20% darker color. If you saturate the color by 10%, you get **56.0687, 47.5761, 17.1744**, and if you desaturate by 10%, it is **65.1066, 60.6296, 35.6704**.

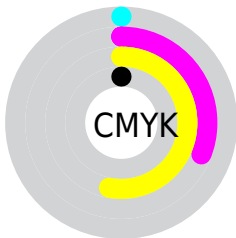
Distribution



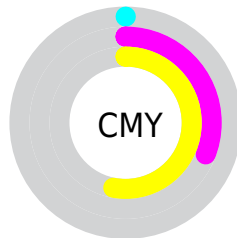
- Red (100%)
- Green (69%)
- Blue (47%)



- Red (100%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (31%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2165, 53.6911, 25.2788 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 60.2165, 53.6911, 25.2788 by changing the saturation by 10% instead.


 60.2165, 53.6911,
25.2788


 60.2165, 53.6911,
25.2788


415.2173,
400.9310, 292.7155


 43.8433, 38.3548,
16.0640


 104.2482, 95.6205,
53.0789

 30.7447, 26.2581,
9.4146


 132.6374,
122.9824, 72.5012

 20.5554, 17.0169,
4.9121


 165.7627,
155.1216, 96.1631

 12.9100, 10.2465,
2.1379

203.9894,
192.4225, 124.4832

 7.4432, 5.5627,
0.6382

247.6828,
235.2695, 157.8799

 3.7896, 2.5811,
0.0000

297.2084,

 1.5838, 0.9171,

284.0470, 196.7719

0.0000

352.9314,
339.1393, 241.5776

■ 0.3818, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2165, 53.6911,
25.2788

■ 60.2165, 53.6911,
25.2788

■ 56.0687, 47.5761,
17.1744

■ 65.1066, 60.6296,
35.6704

■ 52.6153, 42.2420,
11.1750

■ 70.7750, 68.4157,
48.5059

■ 49.8081, 37.6539,
7.0754

■ 77.2594, 77.0820,
63.9315

■ 47.5886, 33.7694,
4.6261

■ 84.5941, 86.6573,
82.0811

46.2584, 31.2970,
3.6028

92.8110, 97.1684,
103.0792

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



67.5312, 53.6911, 37.1517



60.2165, 53.6911, 25.2788



51.0862, 53.6911, 21.6353

Triad

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



60.2165, 53.6911, 25.2788



35.6354, 53.6911, 58.3047



60.1113, 53.6911, 112.7339

Complementary

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



60.2165, 53.6911, 25.2788



46.5884, 52.5911, 102.3030

Split Complementary

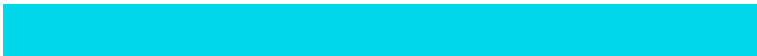
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.9774, 53.6911, 123.1876



60.2165, 53.6911, 25.2788



37.4658, 53.6911, 86.6688

Square

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



60.2165, 53.6911, 25.2788



37.5101, 53.6911, 36.9525



42.8320, 53.6911, 112.4925



67.4656, 53.6911, 87.0204

Rectangle

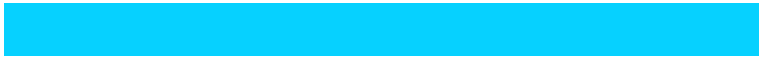
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.2165, 53.6911, 25.2788



45.3968, 53.6911, 23.1809



42.8320, 53.6911, 112.4925



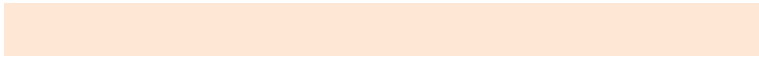
57.1147, 53.6911, 118.4347

Sweetspot

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



60.2178, 53.6938, 25.2798



81.9645, 83.2480, 75.5008



58.6672, 39.1710, 59.9743



17.2187, 17.3945, 15.3544



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.



60.2178, 53.6938, 25.2798



55.8982, 47.3186, 16.8595



76.3243, 85.9067, 30.6487



18.6217, 19.2116, 18.8711



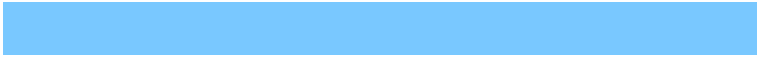
24.3093, 16.6298, 1.9286



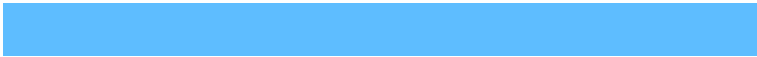
2.4713, 1.8279, 0.2226

Inverse Universe

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



46.5884, 52.5911, 102.3030



40.9114, 46.0369, 101.3375



34.5160, 28.4465, 98.2789



17.8931, 19.1578, 23.0047



15.3081, 15.5257, 51.6245



1.5981, 1.7269, 5.0624

Previews

White Background



This preview shows how the XYZ color 60.2165, 53.6911, 25.2788 looks on a white background.

Color Contrast Check

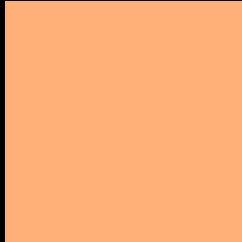
Large Text (above 18pt) WCAG AA × Fail

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 60.2165, 53.6911, 25.2788 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 60.2165, 53.6911, 25.2788

Background



This preview shows how black text looks on a background with the XYZ color 60.2165, 53.6911, 25.2788.



This preview shows how white text looks on a background with the XYZ color 60.2165, 53.6911,

25.2788.

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

60.2165, 53.6911, 25.2788

Protanopia

50.0520, 53.9910, 28.2053

Deuteranopia

54.9397, 53.6920, 24.9207



Tritanopia

64.2464, 53.7632, 51.2472

Trichromacy



Original Color

60.2165, 53.6911, 25.2788

Protanomaly

53.1505, 53.3522, 26.8987

Deuteranomaly

56.7361, 53.6892, 25.1420

Tritanomaly

62.5287, 53.6852, 40.3244

Monochromacy



Original Color

60.2165, 53.6911, 25.2788

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.0643, 52.9296, 43.9789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2165, 53.6911, 25.2788 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, 176, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 121)  
}
```

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, 176, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 121) }
```

Border

The CSS property to change the border of an element to XYZ 60.2165, 53.6911, 25.2788 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, 176, 121) }
```


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

```
.border{ border-color:rgb(255, 176, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 176, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 176, 121); box-shadow:4px 4px 4px 4px rgb(255, 176, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2165, 53.6911, 25.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 121) }
```

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

```
.background{ background-color: rgb(255,  
176, 121) }
```

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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