

Converting Colors

XYZ(60.7633, 53.4107, 29.6972)

Have a look what the booklet for
XYZ(60.7633, 53.4107, 29.6972)
contains.

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Color

**XYZ(60.6791, 53.2533,
29.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE86
RGB	255, 174, 134
RGB Percent	100%, 68%, 53%
CMY	0.0000, 0.3176, 0.4745
CMYK	0.00, 0.32, 0.47, 0.00
HSL	20°, 100%, 76%
HSV	20°, 47%, 100%
XYZ	60.6791, 53.2533, 29.6350
YIQ	193.6590, 61.1160, 4.7320

Conversions

Conversions Part 2

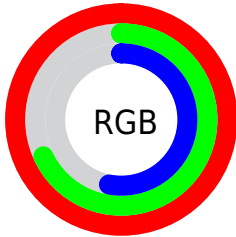
Format	Color
R _Y B	255, 194, 134
Decimal	16756358
CIE Lab	78.02, 25.25, 32.50
CIE LCh	78, 41.157, 52.151
Yxy	53.2533, 0.4227, 0.3709
Android (android.graphics.Color)	4294946438 (0xFFFFAE86)
YUV	193.6590, -29.4119, 53.7961
Hunter-Lab	72.9749, 20.7180, 27.0048

Details

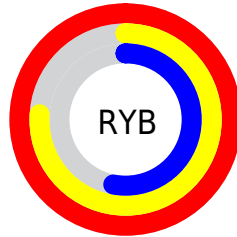
The XYZ color **60.6791, 53.2533, 29.6350** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **52.1807, 60.8865, 103.6095**, and the grayscale version is **51.2208, 53.8882, 58.6843**.

A 20% lighter version of the original color is **78.6139, 81.4845, 59.1616**, and **30.9433, 25.9169, 11.7591** is the 20% darker color. If you saturate the color by 10%, you get **56.0199, 46.4462, 20.3402**, and if you desaturate by 10%, it is **66.1888, 61.0752, 41.3297**.

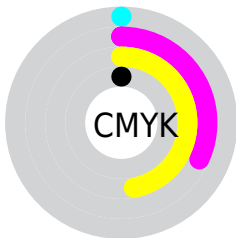
Distribution



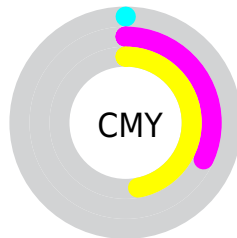
- Red (100%)
- Green (68%)
- Blue (53%)



- Red (100%)
- Yellow (76%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6791, 53.2533, 29.6350 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 60.6791, 53.2533, 29.6350 by changing the saturation by 10% instead.


 60.6791, 53.2533,
29.6350

 60.6791, 53.2533,
29.6350


416.8911,
399.2562, 314.3536

 44.2178, 38.0050,
19.3120


 104.9149, 94.9770,
60.1386

 31.0404, 25.9866,
11.7169


 133.4201,
122.2212, 81.1564

 20.7816, 16.8136,
6.4310


 166.6707,
154.2328, 106.5761

 13.0760, 10.1017,
3.0359

205.0320,
191.3963, 136.8164

 7.5583, 5.4664,
1.1130

248.8693,
234.0959, 172.2957

 3.8630, 2.5234,
0.0000

298.5480,

 1.6249, 0.8883,

282.7162, 213.4326

0.0000

354.4335,
337.6415, 260.6458

■ 0.4086, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6791, 53.2533,
29.6350

■ 60.6791, 53.2533,
29.6350

■ 56.0199, 46.4462,
20.3402

■ 66.1888, 61.0752,
41.3297

■ 52.1602, 40.6023,
13.2718

■ 72.5882, 69.9451,
55.5747

■ 49.0491, 35.6767,
8.2379

■ 79.9184, 79.9042,
72.5117

■ 46.6269, 31.6169,
5.0118

■ 88.2168, 90.9888,
92.2710

■ 44.8198, 28.3628, 95.0499, 99.9999,
3.2990 108.9000

■ 44.4343, 27.6488,
2.9948

Harmonies

Analogous

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



66.2834, 53.2533, 42.8751



60.6791, 53.2533, 29.6350



52.7508, 53.2533, 24.3151

Triad

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



60.6791, 53.2533, 29.6350



36.8249, 53.2533, 52.1597



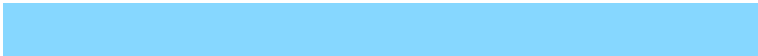
56.6555, 53.2533, 109.2592

Complementary

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



60.6791, 53.2533, 29.6350



52.1807, 60.8865, 103.6095

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.



48.5390, 53.2533, 113.6586



60.6791, 53.2533, 29.6350



37.6346, 53.2533, 76.2806

Square

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



60.6791, 53.2533, 29.6350



39.3895, 53.2533, 34.8883



41.7313, 53.2533, 100.3147



63.7947, 53.2533, 89.5215

Rectangle

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



60.6791, 53.2533, 29.6350



47.4386, 53.2533, 24.6391



41.7313, 53.2533, 100.3147



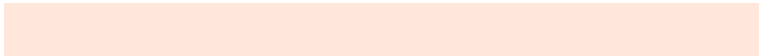
53.9315, 53.2533, 112.7592

Sweetspot

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



60.6804, 53.2559, 29.6360



82.6706, 83.6000, 79.0043



62.2484, 43.3039, 70.5077



17.3236, 17.3958, 16.0327



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.



60.6804, 53.2559, 29.6360



56.2123, 46.7319, 20.7096



74.6301, 81.1553, 34.2859



18.4999, 18.9680, 18.8305



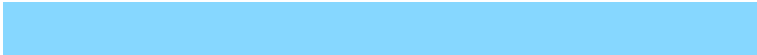
23.3392, 14.6896, 1.6053



2.3677, 1.6208, 0.1881

Inverse Universe

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



52.1807, 60.8865, 103.6095



46.7361, 55.1108, 102.7819



39.8012, 36.1273, 99.4830



18.0191, 19.4099, 23.0467



17.1530, 19.2156, 52.2395



1.7703, 2.0714, 5.1198

Previews

White Background



This preview shows how the XYZ color 60.6791, 53.2533, 29.6350 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 60.6791, 53.2533, 29.6350 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 60.6791, 53.2533, 29.6350

Background



This preview shows how black text looks on a background with the XYZ color 60.6791, 53.2533, 29.6350.



This preview shows how white text looks on a background with the XYZ color 60.6791, 53.2533,

29.6350.

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

60.6791, 53.2533, 29.6350

Protanopia

49.9649, 53.5028, 33.2848

Deuteranopia

54.4688, 53.3528, 29.2571



Tritanopia

63.9552, 53.3456, 50.6420

Trichromacy



Original Color

60.6791, 53.2533, 29.6350

Protanomaly

53.2704, 52.9894, 31.8464

Deuteranomaly

56.6927, 53.2665, 29.4837

Tritanomaly

62.5038, 53.0662, 42.0704

Monochromacy



Original Color

60.6791, 53.2533, 29.6350

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.5356, 53.1181, 46.4609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6791, 53.2533, 29.6350 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, 174, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 134)  
}
```

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, 174, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 134) }
```

Border

The CSS property to change the border of an element to XYZ 60.6791, 53.2533, 29.6350 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, 174, 134) }
```


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

```
.border{ border-color:rgb(255, 174, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6791, 53.2533, 29.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 134) }
```

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

```
.background{ background-color: rgb(255,  
174, 134) }
```

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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