

Converting Colors

XYZ(60.2217, 53.2513, 26.6686)

Have a look what the booklet for
XYZ(60.2217, 53.2513, 26.6686)
contains.

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Color

**XYZ(60.2716, 53.4006,
26.5327)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFAF7D |
| RGB | 255, 175, 125 |
| RGB Percent | 100%, 69%, 49% |
| CMY | 0.0000, 0.3137, 0.5098 |
| CMYK | 0.00, 0.31, 0.51, 0.00 |
| HSL | 23°, 100%, 75% |
| HSV | 23°, 51%, 100% |
| XYZ | 60.2716, 53.4006, 26.5327 |
| YIQ | 193.2200, 63.7300, 1.4100 |

Conversions

Conversions Part 2

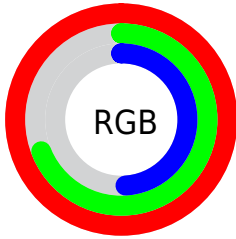
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 206, 125 |
| Decimal | 16756605 |
| CIE Lab | 78.11, 23.91, 37.34 |
| CIE LCh | 78, 44.340, 57.362 |
| Yxy | 53.4006, 0.4299, 0.3809 |
| Android (android.graphics.Color) | 4294946685 (0xFFFFAF7D) |
| YUV | 193.2200, -33.6325, 54.1811 |
| Hunter-Lab | 73.0757, 19.3412, 29.6257 |

Details

The XYZ color **60.2716, 53.4006, 26.5327** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.3376, 55.2400, 102.7220**, and the grayscale version is **50.9846, 53.6398, 58.4138**.

A 20% lighter version of the original color is **77.8518, 81.6262, 53.7717**, and **30.7352, 26.0292, 10.0608** is the 20% darker color. If you saturate the color by 10%, you get **55.9685, 47.0754, 18.0671**, and if you desaturate by 10%, it is **65.3503, 60.6081, 37.3206**.

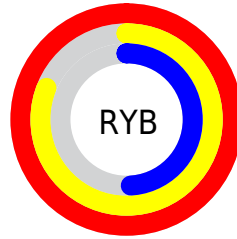
Distribution



Red (100%)

Green (69%)

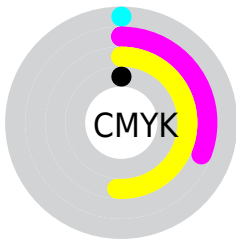
Blue (49%)



Red (100%)

Yellow (81%)

Blue (49%)

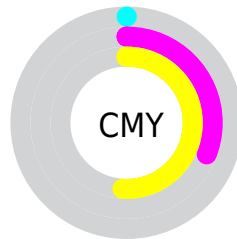


Cyan (0%)

Magenta (31%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2716, 53.4006, 26.5327 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 60.2716, 53.4006, 26.5327 by changing the saturation by 10% instead.


 60.2716, 53.4006,
26.5327

 60.2716, 53.4006,
26.5327


415.4169,
399.8202, 299.0756

 43.8879, 38.1227,
16.9932


 104.3277, 95.1936,
55.1277

 30.7799, 26.0779,
10.0678


 132.7307,
122.4774, 75.0203

 20.5823, 16.8819,
5.3377

 165.8709,
154.5320, 99.2010

 12.9298, 10.1503,
2.3846

204.1137,
191.7418, 128.0884

 7.4569, 5.4988,
0.7780

247.8243,
234.4911, 162.1011

 3.7983, 2.5428,
0.0000

297.3681,

 1.5887, 0.8980,

283.1643, 201.6574

0.0000

353.1105,
338.1459, 247.1761

■ 0.3850, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2716, 53.4006,
26.5327

■ 60.2716, 53.4006,
26.5327

■ 55.9685, 47.0754,
18.0671

■ 65.3503, 60.6081,
37.3206

■ 52.3924, 41.5874,
11.7447

■ 71.2415, 68.7247,
50.5855

■ 49.4942, 36.8985,
7.3644

■ 77.9841, 77.7857,
66.4721

■ 47.2155, 32.9637,
4.6848

■ 85.6131, 87.8220,
85.1132

45.6158, 30.0119,
3.3887

94.1615, 98.8628,
106.6322

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.



67.0186, 53.4006, 38.8723



60.2716, 53.4006, 26.5327



51.5255, 53.4006, 22.3436

Triad

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



60.2716, 53.4006, 26.5327



35.8789, 53.4006, 55.9781



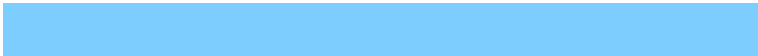
58.7961, 53.4006, 111.5826

Complementary

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



60.2716, 53.4006, 26.5327



48.3376, 55.2400, 102.7220

Split Complementary

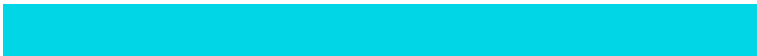
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.9936, 53.4006, 119.9408



60.2716, 53.4006, 26.5327



37.3626, 53.4006, 82.9192

Square

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



60.2716, 53.4006, 26.5327



37.9905, 53.4006, 36.0392



42.2981, 53.4006, 108.2293



66.1010, 53.4006, 87.8267

Rectangle

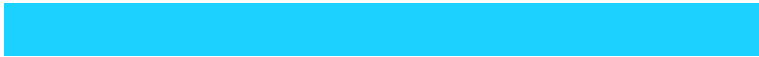
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.2716, 53.4006, 26.5327



45.9492, 53.4006, 23.4837



42.2981, 53.4006, 108.2293



55.8862, 53.4006, 116.5359

Sweetspot

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



60.2729, 53.4032, 26.5337



82.4377, 83.6683, 77.2799



59.6133, 40.3434, 62.5084



17.3012, 17.4560, 15.7011



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.



60.2729, 53.4032, 26.5337



55.9608, 47.0636, 18.0522



76.0526, 84.9626, 31.7936



18.5822, 19.1325, 18.8579



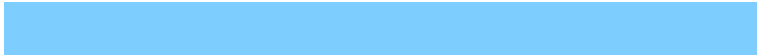
23.9687, 15.9487, 1.8151



2.4356, 1.7566, 0.2107

Inverse Universe

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



48.3376, 55.2400, 102.7220



42.7972, 49.0026, 101.8105



35.9103, 30.3854, 98.5796



17.9337, 19.2391, 23.0183



15.8727, 16.6550, 51.8127



1.6513, 1.8334, 5.0801

Previews

White Background



This preview shows how the XYZ color 60.2716, 53.4006, 26.5327 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 60.2716, 53.4006, 26.5327 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 60.2716, 53.4006, 26.5327

Background



This preview shows how black text looks on a background with the XYZ color 60.2716, 53.4006, 26.5327.



This preview shows how white text looks on a background with the XYZ color 60.2716, 53.4006,

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

60.2716, 53.4006, 26.5327

Protanopia

49.5293, 53.3612, 29.5191

Deuteranopia

54.5284, 53.4516, 26.1821



Tritanopia

64.0582, 53.3868, 51.1844

Trichromacy



Original Color

60.2716, 53.4006, 26.5327

Protanomaly

52.8854, 52.8715, 28.1867

Deuteranomaly

56.4376, 53.2038, 26.3636

Tritanomaly

62.4255, 53.3383, 40.7233

Monochromacy



Original Color

60.2716, 53.4006, 26.5327

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.9457, 52.5439, 44.3972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2716, 53.4006, 26.5327 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, 175, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 125)  
}
```

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, 175, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 125) }
```

Border

The CSS property to change the border of an element to XYZ 60.2716, 53.4006, 26.5327 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, 175, 125) }
```


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

```
.border{ border-color:rgb(255, 175, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2716, 53.4006, 26.5327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 125) }
```

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

```
.background{ background-color: rgb(255,  
175, 125) }
```

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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