Converting Colors

XYZ(60.9746, 53.7188, 30.1404)

Have a look what the booklet for XYZ(60.9746, 53.7188, 30.1404) contains.

Color

XYZ(60.9431, 53.6692, 30.0688)

Conversions

Format	Color
Hex	FFAF87
RGB	255, 175, 135
RGB Percent	100%, 69%, 53%
CMY	0.0000, 0.3137, 0.4706
CMYK	0.00, 0.31, 0.47, 0.00
HSL	20°, 100%, 76%
HSV	20°, 47%, 100%
XYZ	60.9431, 53.6692, 30.0688
YIQ	194.3600, 60.5200, 4.5200

Conversions Part 1

Conversions

Conversions Part 2

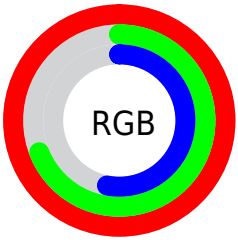
Format	Color
RYB	255, 195, 135
Decimal	16756615
CIELab	78.27, 24.82, 32.29
CIELCh	78, 40.730, 52.448
Yxy	53.6692, 0.4212, 0.3709
Android (android.graphics.Color)	4294946695 (0xFFFFAF87)
YUV	194.3600, -29.2645, 53.1813
Hunter-Lab	73.2593, 20.2873, 26.9463

Details

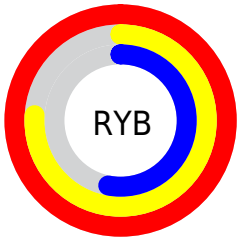
The XYZ color 60.9431, 53.6692, 30.0688 is a light color, and the websafe version is hex FF9966. A complement of this color would be 52.3409, 60.9690, 103.6169, and the grayscale version is 51.6356, 54.3247, 59.1596.

A 20% lighter version of the original color is 79.0012, 82.0860, 59.8245, and 31.1049, 26.1770, 12.0076 is the 20% darker color. If you saturate the color by 10%, you get 56.2555, 46.8314, 20.6844, and if you desaturate by 10%, it is 66.4798, 61.5173, 41.8584.

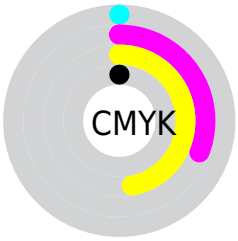
Distribution



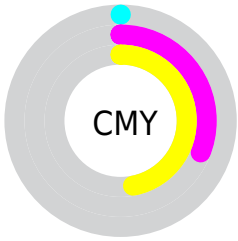
- Red (100%)
- Green (69%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9431, 53.6692, 30.0688 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 60.9431, 53.6692, 30.0688 by changing the saturation by 10% instead.

60.9431, 53.6692, 30.0688

60.9431, 53.6692, 30.0688

417.8446, 400.8473, 316.4423

44.4316, 38.3373, 19.6383

105.2951, 95.5884, 60.8333

31.2093, 26.2445, 11.9510

133.8664, 122.9444, 82.0043

20.9109, 17.0067, 6.5882

167.1883, 155.0772, 107.5926

13.1710, 10.2393, 3.1314

205.6261, 192.3712, 138.0168

7.6242, 5.5579, 1.1621

249.5453, 235.2109, 173.6953

3.9052, 2.5782, 0.0000

299.3113,

1.6486, 0.9157,

283.9805, 215.0467

355.2892, 339.0645, 262.4895

0.0000

0.4238, 0.0000, 0.0000

0.0000, 0.0000, 0.0000

60.9431, 53.6692, 30.0688

60.9431, 53.6692, 30.0688

56.2555, 46.8314, 20.6844

66.4798, 61.5173, 41.8584

52.3664, 40.9526, 13.5325

72.9044, 70.4082, 56.2029

49.2254, 35.9885, 8.4223

80.2579, 80.3826, 73.2435

46.7733, 31.8876, 5.1287

88.5772, 91.4766, 93.1101

44.9382, 28.5909, 3.3655

95.0498, 99.9999, 108.9000

44.4893, 27.7589, 3.0132

Harmonies

Analogous

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

66.5424, 53.6692, 43.2155

60.9431, 53.6692, 30.0688

53.0537, 53.6692, 24.8089

Triad

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

60.9431, 53.6692, 30.0688

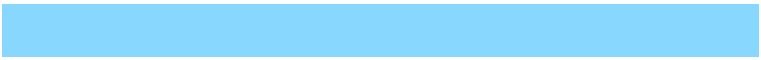
37.2653, 53.6692, 52.8508

57.0954, 53.6692, 109.1697

Complementary

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

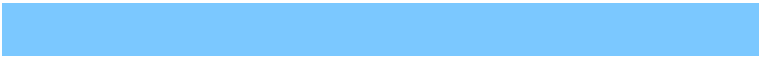
60.9431, 53.6692, 30.0688



52.3409, 60.9690, 103.6169

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.



49.0213, 53.6692, 113.7023

60.9431, 53.6692, 30.0688

38.1064, 53.6692, 76.8681

Square

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

60.9431, 53.6692, 30.0688

39.7905, 53.6692, 35.5422

42.2212, 53.6692, 100.6436

64.1644, 53.6692, 89.5102

Rectangle

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

60.9431, 53.6692, 30.0688

47.7754, 53.6692, 25.1788

42.2212, 53.6692, 100.6436

54.3894, 53.6692, 112.6897

Sweetspot

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

60.9444, 53.6718, 30.0698

82.6981, 83.6551, 79.0135

62.1698, 43.4946, 69.4087

17.3303, 17.4091, 16.0349

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.

60.9444, 53.6718, 30.0698

56.7132, 47.5091, 21.5687

75.3214, 82.4258, 34.8622

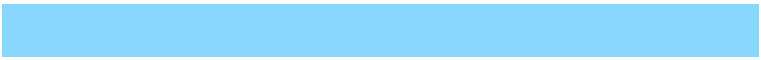
18.5041, 18.9764, 18.8319

23.3686, 14.7485, 1.6151

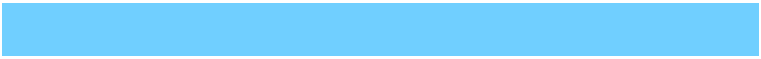
2.3710, 1.6273, 0.1891

Inverse Universe

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



52.3409, 60.9690, 103.6169



47.1657, 55.4942, 102.8333

39.7634, 35.8141, 99.4244

18.0148, 19.4012, 23.0453

17.0844, 19.0784, 52.2166

1.7640, 2.0587, 5.1177

Previews

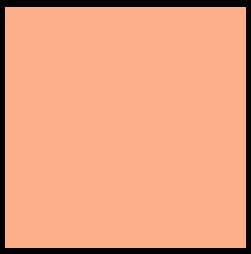
White Background

This preview shows how the XYZ color 60.9431, 53.6692, 30.0688 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



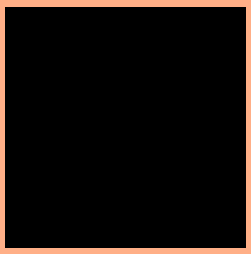
This preview shows how the XYZ color 60.9431, 53.6692, 30.0688 looks on a black background.

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 60.9431, 53.6692, 30.0688 Background



This preview shows how black text looks on a background with the XYZ color 60.9431, 53.6692, 30.0688.

This preview shows how white text looks on a background with the XYZ color 60.9431, 53.6692,

30.0688.

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

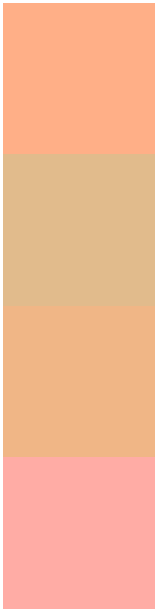
Original Color
60.9431, 53.6692, 30.0688

Protanopia
50.2621, 53.9766, 33.7560

Deuteranopia
55.0713, 53.9671, 29.7044

Tritanopia
64.2464, 53.7632, 51.2472

Trichromacy



Original Color
60.9431, 53.6692, 30.0688

Protanomaly
53.5553, 53.4416, 32.3035

Deuteranomaly
56.9662, 53.7024, 29.9174

Tritanomaly
62.7841, 53.4817, 42.6112

Monochromacy

Original Color
60.9431, 53.6692, 30.0688

Achromatopsia
51.2775, 53.9479, 58.7493

Achromatomaly
53.6321, 53.1567, 46.9687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9431, 53.6692, 30.0688 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, 135) looks like.

```
.text, #text, p{
    color:rgb(255, 175, 135)
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 135) }
```

Border

The CSS property to change the border of an element to XYZ 60.9431, 53.6692, 30.0688 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, 135) }
```

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

```
.border{ border-color:rgb(255, 175, 135) }
```

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, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 175, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 175, 135); box-shadow:4px 4px 4px 4px rgb(255, 175, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9431, 53.6692, 30.0688 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, 135) }
```

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

```
.background{ background-color:rgb(255,
175, 135) }
```

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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