

Converting Colors

XYZ(114.7867, 80.6352,
30.6215)

Have a look what the booklet for
XYZ(114.7867, 80.6352, 30.6215)
contains.

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Color

**XYZ(60.0218, 52.3768,
28.0653)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAC82
RGB	255, 172, 130
RGB Percent	100%, 67%, 51%
CMY	0.0000, 0.3255, 0.4902
CMYK	0.00, 0.33, 0.49, 0.00
HSL	20°, 100%, 75%
HSV	20°, 49%, 100%
XYZ	60.0218, 52.3768, 28.0653
YIQ	192.0290, 62.9500, 4.5340

Conversions

Conversions Part 2

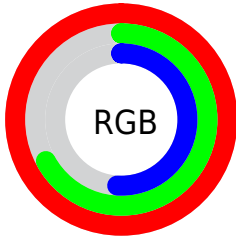
Format	Color
R _Y B	255, 193, 130
Decimal	16755842
CIE Lab	77.51, 25.93, 33.93
CIE LCh	78, 42.707, 52.618
Yxy	52.3768, 0.4273, 0.3729
Android (android.graphics.Color)	4294945922 (0xFFFFAC82)
YUV	192.0290, -30.5803, 55.2256
Hunter-Lab	72.3718, 21.3889, 27.6680

Details

The XYZ color **60.0218, 52.3768, 28.0653** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.0489, 59.5515, 103.4115**, and the grayscale version is **50.2683, 52.8862, 57.5931**.

A 20% lighter version of the original color is **77.5306, 80.1657, 56.1870**, and **30.5505, 25.3749, 10.8771** is the 20% darker color. If you saturate the color by 10%, you get **55.4982, 45.7377, 19.1339**, and if you desaturate by 10%, it is **65.3827, 60.0118, 39.3690**.

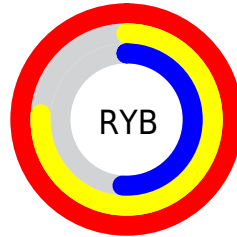
Distribution



Red (100%)

Green (67%)

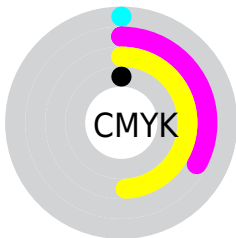
Blue (51%)



Red (100%)

Yellow (76%)

Blue (51%)

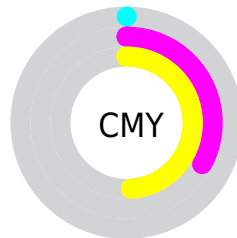


Cyan (0%)

Magenta (33%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0218, 52.3768, 28.0653 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 60.0218, 52.3768, 28.0653 by changing the saturation by 10% instead.

 60.0218, 52.3768,
28.0653


 60.0218, 52.3768,
28.0653


414.5116,
395.8895, 306.7006


 43.6857, 37.3055,
18.1354


 103.9675, 93.6867,
57.6130

 30.6204, 25.4441,
10.8768


 132.3078,
120.6941, 78.0680

 20.4603, 16.4082,
5.8709

 165.3802,
152.4490, 102.8683

 12.8403, 9.8135,
2.6992

203.5501,
189.3357, 132.4327

 7.3949, 5.2755,
0.9430

247.1828,
231.7388, 167.1795

 3.7588, 2.4098,
0.0000

296.6437,

 1.5666, 0.8309,

280.0425, 207.5274

0.0000

352.2982,
334.6313, 253.8949

■ 0.3705, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0218, 52.3768,
28.0653

■ 60.0218, 52.3768,
28.0653

■ 55.4982, 45.7377,
19.1339

■ 65.3827, 60.0118,
39.3690

■ 51.7606, 40.0432,
12.3985

■ 71.6202, 68.6755,
53.1978

■ 48.7576, 35.2486,
7.6628

■ 78.7755, 78.4087,
69.6949

■ 46.4284, 31.3017,
4.6935

■ 86.8862, 89.2475,
88.9921

■ 44.6904, 28.1392, 95.0499, 99.9999,
3.1478 108.9000

■ 44.5431, 27.8665,
3.0311

Harmonies

Analogous

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



65.8659, 52.3768, 41.3151



60.0218, 52.3768, 28.0653



51.8438, 52.3768, 22.8571

Triad

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



60.0218, 52.3768, 28.0653



35.6801, 52.3768, 51.4020



56.1199, 52.3768, 109.9295

Complementary

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



60.0218, 52.3768, 28.0653



51.0489, 59.5515, 103.4115

Split Complementary

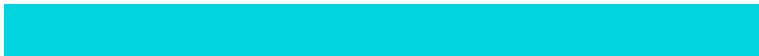
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.7768, 52.3768, 114.8169



60.0218, 52.3768, 28.0653



36.5569, 52.3768, 76.2951

Square

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



60.0218, 52.3768, 28.0653



38.2370, 52.3768, 33.7014



40.7795, 52.3768, 101.1542



63.4456, 52.3768, 89.2084

Rectangle

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



60.0218, 52.3768, 28.0653



46.4051, 52.3768, 23.2501



40.7795, 52.3768, 101.1542



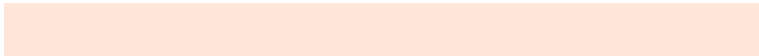
53.3201, 52.3768, 113.6746

Sweetspot

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



60.0231, 52.3794, 28.0663



81.9186, 82.6301, 77.1069



61.2753, 42.0467, 68.0593



17.1769, 17.2075, 15.6597



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.



60.0231, 52.3794, 28.0663



55.5061, 45.7495, 19.1487



74.7395, 81.8122, 32.9718



18.5081, 18.9845, 18.8332



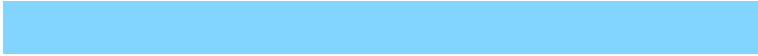
23.3974, 14.8061, 1.6247



2.3741, 1.6336, 0.1902

Inverse Universe

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



51.0489, 59.5515, 103.4115



45.5209, 53.5920, 102.5528



38.2961, 34.0459, 99.1605



18.0105, 19.3927, 23.0439



17.0184, 18.9464, 52.1946



1.7579, 2.0465, 5.1156

Previews

White Background



This preview shows how the XYZ color 60.0218, 52.3768, 28.0653 looks on a white background.

Color Contrast Check

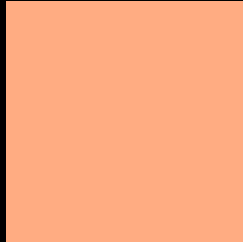
Large Text (above 18pt) WCAG AA × Fail

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 60.0218, 52.3768, 28.0653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

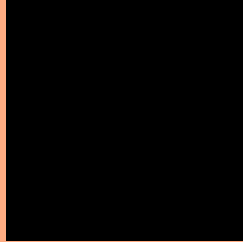
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0218, 52.3768, 28.0653

Background



This preview shows how black text looks on a background with the XYZ color 60.0218, 52.3768, 28.0653.



This preview shows how white text looks on a background with the XYZ color 60.0218, 52.3768,

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

60.0218, 52.3768, 28.0653

Protanopia

48.8907, 52.6561, 31.6316

Deuteranopia

53.6699, 52.6625, 27.7582



Tritanopia

63.3793, 52.5199, 49.4447

Trichromacy



Original Color

60.0218, 52.3768, 28.0653

Protanomaly

52.4626, 52.2945, 30.2504

Deuteranomaly

55.8803, 52.5782, 27.9723

Tritanomaly

61.8610, 52.2091, 40.5352

Monochromacy



Original Color

60.0218, 52.3768, 28.0653

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.5347, 52.0096, 44.8061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0218, 52.3768, 28.0653 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, 172, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 130)  
}
```

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, 172, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 130) }
```

Border

The CSS property to change the border of an element to XYZ 60.0218, 52.3768, 28.0653 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, 172, 130) }
```


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

```
.border{ border-color:rgb(255, 172, 130) }
```

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

Here you see how a box with a 4 pixel rgb(255, 172, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0218, 52.3768, 28.0653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 130) }
```

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

```
.background{ background-color: rgb(255,  
172, 130) }
```

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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