

Converting Colors

XYZ(60.2177, 52.7632, 28.1472)

Have a look what the booklet for
XYZ(60.2177, 52.7632, 28.1472)
contains.

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Color

**XYZ(60.2128, 52.7588,
28.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD82
RGB	255, 173, 130
RGB Percent	100%, 68%, 51%
CMY	0.0000, 0.3215, 0.4902
CMYK	0.00, 0.32, 0.49, 0.00
HSL	21°, 100%, 75%
HSV	21°, 49%, 100%
XYZ	60.2128, 52.7588, 28.1290
YIQ	192.6160, 62.6750, 4.0110

Conversions

Conversions Part 2

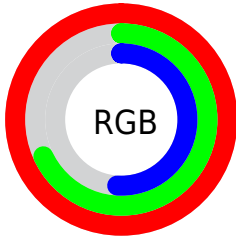
Format	Color
R _Y B	255, 196, 130
Decimal	16756098
CIE Lab	77.73, 25.41, 34.23
CIE LCh	78, 42.627, 53.417
Yxy	52.7588, 0.4267, 0.3739
Android (android.graphics.Color)	4294946178 (0xFFFFAD82)
YUV	192.6160, -30.8697, 54.7108
Hunter-Lab	72.6353, 20.8603, 27.8838

Details

The XYZ color **60.2128, 52.7588, 28.1290** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.7982, 59.0502, 103.3279**, and the grayscale version is **50.6139, 53.2498, 57.9890**.

A 20% lighter version of the original color is **77.8066, 80.7175, 56.2789**, and **30.6701, 25.6142, 10.9170** is the 20% darker color. If you saturate the color by 10%, you get **55.6996, 46.1406, 19.2011**, and if you desaturate by 10%, it is **65.5543, 60.3550, 39.4263**.

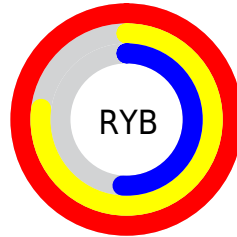
Distribution



Red (100%)

Green (68%)

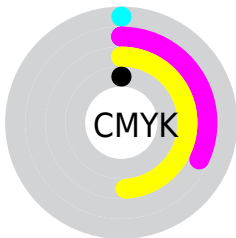
Blue (51%)



Red (100%)

Yellow (77%)

Blue (51%)

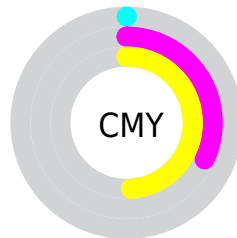


Cyan (0%)

Magenta (32%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2128, 52.7588, 28.1290 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 60.2128, 52.7588, 28.1290 by changing the saturation by 10% instead.


 60.2128, 52.7588,
28.1290


 60.2128, 52.7588,
28.1290


415.2039,
397.3590, 307.0141


 43.8403, 37.6103,
18.1830


 104.2429, 94.2494,
57.7159

 30.7423, 25.6803,
10.9107


 132.6312,
121.3601, 78.1939

 20.5536, 16.5847,
5.8934


 165.7555,
153.2271, 103.0197

 12.9087, 9.9388,
2.7126

203.9811,
190.2347, 132.6118

 7.4423, 5.3584,
0.9498

247.6733,
232.7673, 167.3888

 3.7890, 2.4590,
0.0000

297.1977,

 1.5835, 0.8560,

281.2093, 207.7691

0.0000

352.9194,
335.9451, 254.1714

0.3816, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

60.2128, 52.7588,
28.1290

60.2128, 52.7588,
28.1290

55.6996, 46.1406,
19.2011

65.5543, 60.3550,
39.4263

51.9641, 40.4503,
12.4663

71.7628, 68.9608,
53.2454

48.9555, 35.6445,
7.7288

78.8792, 78.6160,
69.7295

46.6138, 31.6724,
4.7553

86.9403, 89.3557,
89.0102

■ 44.8570, 28.4724,
3.2033

95.0499, 99.9999,
108.9000

■ 44.7076, 28.1954,
3.0859

Harmonies

Analogous

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



66.1665, 52.7588, 41.2075



60.2128, 52.7588, 28.1290



51.9875, 52.7588, 23.0870

Triad

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



60.2128, 52.7588, 28.1290



35.9728, 52.7588, 52.3897



56.7218, 52.7588, 110.0701

Complementary

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



60.2128, 52.7588, 28.1290



50.7982, 59.0502, 103.3279

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.



48.3478, 52.7588, 115.4693



60.2128, 52.7588, 28.1290



36.9452, 52.7588, 77.4707

Square

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



60.2128, 52.7588, 28.1290



38.4496, 52.7588, 34.3890



41.2682, 52.7588, 102.2243



64.0014, 52.7588, 89.0198

Rectangle

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



60.2128, 52.7588, 28.1290



46.5522, 52.7588, 23.6032



41.2682, 52.7588, 102.2243



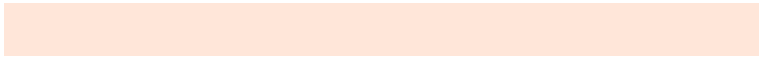
53.9194, 52.7588, 113.9772

Sweetspot

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



60.2141, 52.7614, 28.1300



82.0036, 82.8002, 77.1353



61.2754, 42.0467, 68.0593



17.1973, 17.2482, 15.6665



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.



60.2141, 52.7614, 28.1300



55.7076, 46.1524, 19.2158



74.7395, 81.8122, 32.9718



18.5203, 19.0088, 18.8373



23.4853, 14.9818, 1.6540



2.3838, 1.6529, 0.1934

Inverse Universe

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



50.7982, 59.0502, 103.3279



45.2352, 53.0206, 102.4576



38.2961, 34.0460, 99.1605



17.9979, 19.3674, 23.0396



16.8224, 18.5543, 52.1293



1.7398, 2.0103, 5.1096

Previews

White Background



This preview shows how the XYZ color 60.2128, 52.7588, 28.1290 looks on a white background.

Color Contrast Check

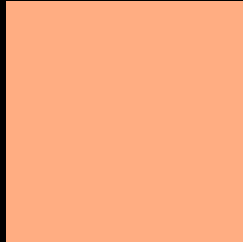
Large Text (above 18pt) WCAG AA × Fail

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 60.2128, 52.7588, 28.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

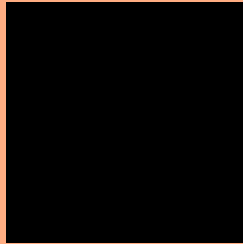
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2128, 52.7588, 28.1290

Background



This preview shows how black text looks on a background with the XYZ color 60.2128, 52.7588, 28.1290.



This preview shows how white text looks on a background with the XYZ color 60.2128, 52.7588,

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

60.2128, 52.7588, 28.1290

Protanopia

49.1692, 52.7996, 31.6446

Deuteranopia

53.9918, 52.8284, 27.7733



Tritanopia

63.6662, 52.9312, 50.0412

Trichromacy



Original Color

60.2128, 52.7588, 28.1290

Protanomaly

52.4626, 52.2945, 30.2504

Deuteranomaly

56.2189, 52.7528, 27.9881

Tritanomaly

62.1363, 52.6181, 41.0638

Monochromacy



Original Color

60.2128, 52.7588, 28.1290

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.1335, 52.6190, 45.3863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2128, 52.7588, 28.1290 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, 173, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 130) }
```

Border

The CSS property to change the border of an element to XYZ 60.2128, 52.7588, 28.1290 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, 173, 130) }
```


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

```
.border{ border-color:rgb(255, 173, 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, 173, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2128, 52.7588, 28.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 130) }
```

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

```
.background{ background-color: rgb(255,  
173, 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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