

Converting Colors

XYZ(110.3297, 76.8869,
35.5369)

Have a look what the booklet for
XYZ(110.3297, 76.8869, 35.5369)
contains.

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Color

**XYZ(60.0928, 50.9110,
33.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA790
RGB	255, 167, 144
RGB Percent	100%, 65%, 56%
CMY	0.0000, 0.3451, 0.4353
CMYK	0.00, 0.35, 0.44, 0.00
HSL	12°, 100%, 78%
HSV	12°, 44%, 100%
XYZ	60.0928, 50.9110, 33.0451
YIQ	190.6900, 59.8310, 11.5030

Conversions

Conversions Part 2

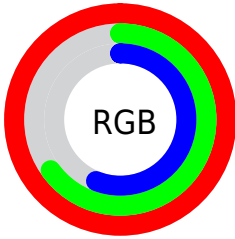
Format	Color
R _Y B	255, 173, 144
Decimal	16754576
CIE Lab	76.63, 29.89, 25.29
CIE LCh	77, 39.159, 40.237
Yxy	50.9110, 0.4172, 0.3534
Android (android.graphics.Color)	4294944656 (0xFFFFA790)
YUV	190.6900, -23.0182, 56.3999
Hunter-Lab	71.3519, 25.4673, 22.4875

Details

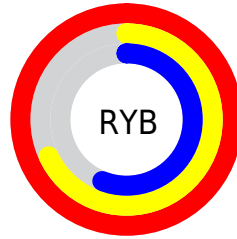
The XYZ color **60.0928, 50.9110, 33.0451** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.4070, 70.8597, 105.2067**, and the grayscale version is **49.4476, 52.0228, 56.6528**.

A 20% lighter version of the original color is **77.8207, 78.1126, 64.4017**, and **30.4988, 24.4270, 13.4634** is the 20% darker color. If you saturate the color by 10%, you get **54.9412, 43.3826, 22.7741**, and if you desaturate by 10%, it is **66.2660, 59.7782, 45.8291**.

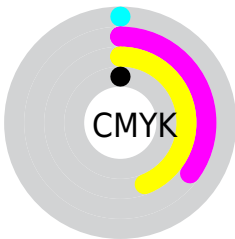
Distribution



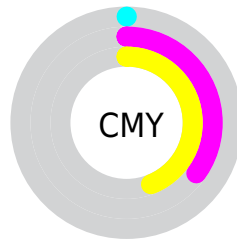
- Red (100%)
- Green (65%)
- Blue (56%)



- Red (100%)
- Yellow (68%)
- Blue (56%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0928, 50.9110, 33.0451 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 60.0928, 50.9110, 33.0451 by changing the saturation by 10% instead.

 60.0928, 50.9110,
33.0451


 60.0928, 50.9110,
33.0451


414.7690,
390.2179, 330.4911

 43.7432, 36.1378,
21.8896

 104.0699, 91.5232,
65.5628

 30.6657, 24.5406,
13.5783


 132.4280,
118.1310, 87.7620

 20.4950, 15.7351,
7.6925


165.5197,
149.4524, 114.4796

 12.8657, 9.3369,
3.8139

203.7103,
185.8718, 146.1340

 7.4125, 4.9616,
1.5238

247.3652,
227.7737, 183.1438

 3.7700, 2.2247,
0.2356

296.8497,

 1.5729, 0.7334,

275.5424, 225.9276

0.0000

352.5292,
329.5624, 274.9039

■ 0.3746, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0928, 50.9110,
33.0451

■ 60.0928, 50.9110,
33.0451

■ 54.9412, 43.3826,
22.7741

■ 66.2660, 59.7782,
45.8291

■ 50.7507, 37.1200,
14.8463

■ 73.5092, 70.0376,
61.2748

■ 47.4596, 32.0541,
9.0750

■ 81.8724, 81.7491,
79.5228

■ 44.9975, 28.1062,
5.2440

■ 91.4011, 94.9666,
100.7029

■ 43.2816, 25.1874, 95.0500, 100.0000,
3.0905 108.9000

■ 42.5063, 23.7926,
2.3521

Harmonies

Analogous

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



63.7970, 50.9110, 48.4979



60.0928, 50.9110, 33.0451



53.3653, 50.9110, 25.2323

Triad

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



60.0928, 50.9110, 33.0451



36.1885, 50.9110, 42.7567



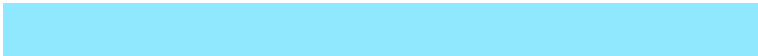
50.9641, 50.9110, 106.0236

Complementary

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



60.0928, 50.9110, 33.0451



58.4070, 70.8597, 105.2067

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.



43.7328, 50.9110, 103.3457



60.0928, 50.9110, 33.0451



35.6866, 50.9110, 63.0005

Square

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



60.0928, 50.9110, 33.0451



39.7626, 50.9110, 29.7679



38.3136, 50.9110, 86.1656



58.1815, 50.9110, 92.7526

Rectangle

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



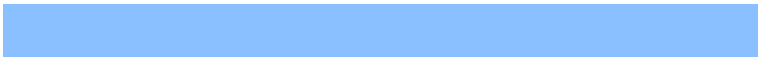
60.0928, 50.9110, 33.0451



48.3306, 50.9110, 23.8377



38.3136, 50.9110, 86.1656



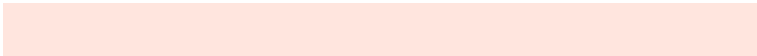
48.4482, 50.9110, 107.0264

Sweetspot

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



60.0941, 50.9135, 33.0461



82.3468, 82.4100, 80.5685



65.8929, 47.0787, 82.5554



17.2065, 17.0548, 16.3225



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.



60.0941, 50.9135, 33.0461



55.6653, 44.4502, 24.1884



72.3159, 75.3572, 37.1200



18.3143, 18.5968, 18.7686



22.2954, 12.6021, 1.2573



2.2448, 1.3749, 0.1471

Inverse Universe

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



58.4070, 70.8597, 105.2067



53.7437, 66.6087, 104.6319



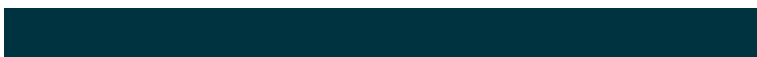
45.3335, 44.7127, 100.8488



18.2164, 19.8045, 23.1125



20.5969, 26.1034, 53.3875



2.0820, 2.6948, 5.2237

Previews

White Background



This preview shows how the XYZ color 60.0928, 50.9110, 33.0451 looks on a white background.

Color Contrast Check

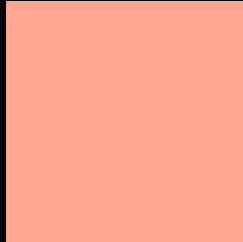
Large Text (above 18pt) WCAG AA × Fail

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 60.0928, 50.9110, 33.0451 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 60.0928, 50.9110, 33.0451

Background



This preview shows how black text looks on a background with the XYZ color 60.0928, 50.9110, 33.0451.



This preview shows how white text looks on a background with the XYZ color 60.0928, 50.9110,

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

60.0928, 50.9110, 33.0451

Protanopia

48.1177, 51.1458, 37.9079

Deuteranopia

52.2761, 51.2263, 32.3317



Tritanopia

62.3519, 50.9455, 47.6215

Trichromacy



Original Color

60.0928, 50.9110, 33.0451

Protanomaly

51.8477, 50.6219, 35.8925

Deuteranomaly

54.8656, 51.0594, 32.5549

Tritanomaly

61.3960, 50.8506, 41.7012

Monochromacy



Original Color

60.0928, 50.9110, 33.0451

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.0995, 50.8080, 47.1054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0928, 50.9110, 33.0451 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, 167, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 144)  
}
```

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, 167, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 144) }
```

Border

The CSS property to change the border of an element to XYZ 60.0928, 50.9110, 33.0451 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, 167, 144) }
```


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

```
.border{ border-color:rgb(255, 167, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0928, 50.9110, 33.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 144) }
```

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

```
.background{ background-color: rgb(255,  
167, 144) }
```

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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