

Converting Colors

XYZ(60.6251, 51.8792, 33.5204)

Have a look what the booklet for
XYZ(60.6251, 51.8792, 33.5204)
contains.

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Color

**XYZ(60.7256, 52.0538,
33.6349)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAA91
RGB	255, 170, 145
RGB Percent	100%, 67%, 57%
CMY	0.0000, 0.3333, 0.4314
CMYK	0.00, 0.33, 0.43, 0.00
HSL	14°, 100%, 78%
HSV	14°, 43%, 100%
XYZ	60.7256, 52.0538, 33.6349
YIQ	192.5650, 58.6850, 10.2450

Conversions

Conversions Part 2

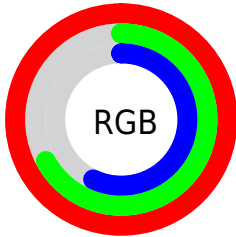
Format	Color
R _Y B	255, 177, 145
Decimal	16755345
CIE Lab	77.31, 28.43, 25.69
CIE LCh	77, 38.314, 42.098
Yxy	52.0538, 0.4148, 0.3555
Android (android.graphics.Color)	4294945425 (0xFFFFAA91)
YUV	192.5650, -23.4495, 54.7555
Hunter-Lab	72.1483, 23.9798, 22.8634

Details

The XYZ color **60.7256, 52.0538, 33.6349** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.0226, 69.8305, 105.0282**, and the grayscale version is **50.5436, 53.1758, 57.9084**.

A 20% lighter version of the original color is **78.7452, 79.7762, 65.2809**, and **31.1466, 25.2665, 13.8250** is the 20% darker color. If you saturate the color by 10%, you get **55.5548, 44.5137, 23.2750**, and if you desaturate by 10%, it is **66.8939, 60.8827, 46.5053**.

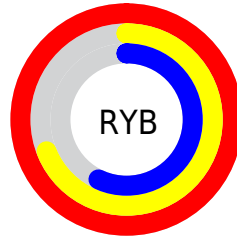
Distribution



Red (100%)

Green (67%)

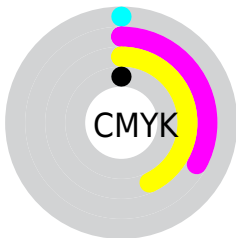
Blue (57%)



Red (100%)

Yellow (69%)

Blue (57%)

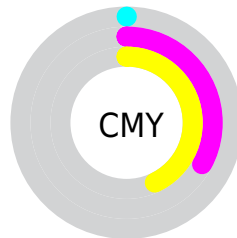


Cyan (0%)

Magenta (33%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7256, 52.0538, 33.6349 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 60.7256, 52.0538, 33.6349 by changing the saturation by 10% instead.


 60.7256, 52.0538,
33.6349

 60.7256, 52.0538,
33.6349


417.0592,
394.6443, 333.2203

 44.2554, 37.0480,
22.3382

 104.9819, 93.2106,
66.4929

 31.0702, 25.2446,
13.9049


 133.4987,
120.1303, 88.8912

 20.8044, 16.2594,
7.9166


166.7619,
151.7901, 115.8272

 13.0927, 9.7079,
3.9546

205.1366,
188.5744, 147.7194

 7.5699, 5.2057,
1.6005

248.9884,
230.8676, 184.9862

 3.8704, 2.3685,
0.2912

298.6825,

 1.6291, 0.8096,

279.0540, 228.0463

0.0000

354.5843,
333.5181, 277.3181

■ 0.4113, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7256, 52.0538,
33.6349

■ 60.7256, 52.0538,
33.6349

■ 55.5548, 44.5137,
23.2750

■ 66.8939, 60.8827,
46.5053

■ 51.3231, 38.1936,
15.2571

■ 74.1059, 71.0496,
62.0336

■ 47.9719, 33.0299,
9.3965

■ 82.4096, 82.6103,
80.3594

■ 45.4337, 28.9498,
5.4789

■ 91.8487, 95.6154,
101.6116

■ 43.6297, 25.8712, 95.0500, 100.0000,
3.2452 108.9000

■ 42.7514, 24.2828,
2.4338

Harmonies

Analogous

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



64.6281, 52.0538, 48.6078



60.7256, 52.0538, 33.6349



53.9503, 52.0538, 26.2181

Triad

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



60.7256, 52.0538, 33.6349



37.2040, 52.0538, 45.1196



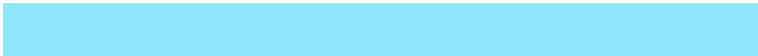
52.4984, 52.0538, 106.2061

Complementary

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



60.7256, 52.0538, 33.6349



58.0226, 69.8305, 105.0282

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.



45.2554, 52.0538, 104.6012



60.7256, 52.0538, 33.6349



36.8985, 52.0538, 65.5948

Square

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



60.7256, 52.0538, 33.6349



40.5894, 52.0538, 31.6287



39.7086, 52.0538, 88.3884



59.5724, 52.0538, 92.3451

Rectangle

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



60.7256, 52.0538, 33.6349



48.9598, 52.0538, 25.0786



39.7086, 52.0538, 88.3884



49.9949, 52.0538, 107.5373

Sweetspot

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



60.7269, 52.0564, 33.6359



82.5309, 82.7782, 80.6298



65.8130, 47.2902, 81.3842



17.2514, 17.1446, 16.3375



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.



60.7269, 52.0564, 33.6359



56.0943, 45.3083, 24.3314



72.9619, 76.5263, 37.7142



18.3443, 18.6568, 18.7786



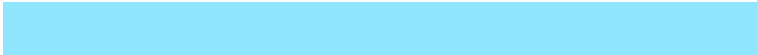
22.4301, 12.8714, 1.3022



2.2619, 1.4091, 0.1528

Inverse Universe

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



58.0226, 69.8305, 105.0282



53.0193, 65.1599, 104.3904



45.2856, 44.3564, 100.7825



18.1841, 19.7399, 23.1017



19.9861, 24.8817, 53.1839



2.0275, 2.5856, 5.2055

Previews

White Background



This preview shows how the XYZ color 60.7256, 52.0538, 33.6349 looks on a white background.

Color Contrast Check

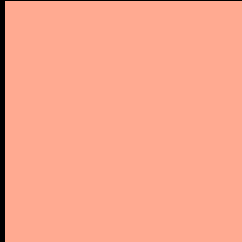
Large Text (above 18pt) WCAG AA × Fail

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 60.7256, 52.0538, 33.6349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

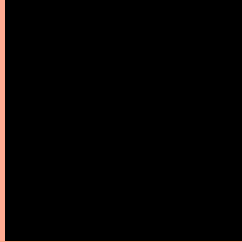
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7256, 52.0538, 33.6349

Background



This preview shows how black text looks on a background with the XYZ color 60.7256, 52.0538, 33.6349.



This preview shows how white text looks on a background with the XYZ color 60.7256, 52.0538,

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

60.7256, 52.0538, 33.6349

Protanopia

49.1758, 52.3247, 38.5182

Deuteranopia

53.1800, 51.9887, 32.8231



Tritanopia

63.1954, 52.1521, 49.3834

Trichromacy



Original Color

60.7256, 52.0538, 33.6349

Protanomaly

52.6436, 51.6309, 36.4693

Deuteranomaly

55.8034, 51.8285, 33.0493

Tritanomaly

62.2177, 52.0553, 43.3277

Monochromacy



Original Color

60.7256, 52.0538, 33.6349

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.5043, 52.4314, 48.3746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7256, 52.0538, 33.6349 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, 170, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 145)  
}
```

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, 170, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 145) }
```

Border

The CSS property to change the border of an element to XYZ 60.7256, 52.0538, 33.6349 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, 170, 145) }
```


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

```
.border{ border-color:rgb(255, 170, 145) }
```

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

Here you see how a box with a 4 pixel rgb(255, 170, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7256, 52.0538, 33.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 145) }
```

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

```
.background{ background-color: rgb(255,  
170, 145) }
```

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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