

Converting Colors

XYZ(141.7439, 100.0000,
54.7505)

Have a look what the booklet for
XYZ(141.7439, 100.0000, 54.7505)
contains.

XYZ(68.3279, 62.2546, 51.5951)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.3279, 62.2546,
51.5951)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0B4
RGB	255, 192, 180
RGB Percent	100%, 75%, 71%
CMY	0.0000, 0.2470, 0.2941
CMYK	0.00, 0.25, 0.29, 0.00
HSL	10°, 100%, 85%
HSV	10°, 29%, 100%
XYZ	68.3279, 62.2546, 51.5951
YIQ	209.4690, 41.4000, 9.6240

Conversions

Conversions Part 2

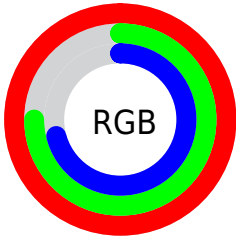
Format	Color
R _Y B	255, 194, 180
Decimal	16761012
CIE Lab	83.05, 20.98, 14.85
CIE LCh	83, 25.700, 35.297
Yxy	62.2546, 0.3751, 0.3417
Android (android.graphics.Color)	4294951092 (0xFFFFC0B4)
YUV	209.4690, -14.5282, 39.9307
Hunter-Lab	78.9016, 16.5013, 16.4604

Details

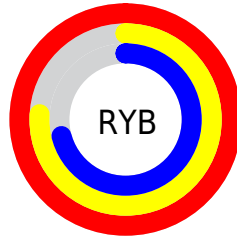
The XYZ color **68.3279, 62.2546, 51.5951** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9218, 81.0217, 106.6139**, and the grayscale version is **60.9851, 64.1611, 69.8714**.

A 20% lighter version of the original color is **90.2560, 95.0675, 92.9497**, and **35.9452, 31.5796, 24.2796** is the 20% darker color. If you saturate the color by 10%, you get **61.5998, 52.5803, 37.6937**, and if you desaturate by 10%, it is **76.2213, 73.4945, 68.2441**.

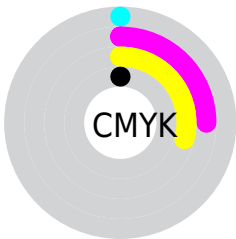
Distribution



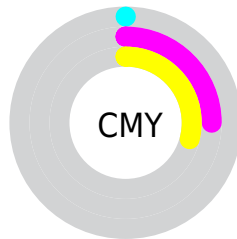
- Red (100%)
- Green (75%)
- Blue (71%)



- Red (100%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.3279, 62.2546, 51.5951 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 68.3279, 62.2546, 51.5951 by changing the saturation by 10% instead.


 68.3279, 62.2546,
51.5951

 68.3279, 62.2546,
51.5951


444.0154,
432.8592, 409.7838

 50.4392, 45.2385,
36.3024


 115.8604,
108.0934, 93.9543

 35.9817, 31.6453,
24.3763


146.2350,
137.6849, 121.8579

 24.5901, 21.0907,
15.3982


181.5022,
172.2369, 154.8023

 15.8990, 13.1903,
8.9496

222.0274,
212.1339, 193.2059

 9.5431, 7.5597,
4.6120

268.1760,
257.7602, 237.4873

 5.1570, 3.8146,
1.9667

320.3133,

 2.3754, 1.5704,

309.5002, 288.0651

0.5347

378.8046,
367.7384, 345.3578

■ 0.8328, 0.3375,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.3279, 62.2546,
51.5951

■ 68.3279, 62.2546,
51.5951

■ 61.5998, 52.5803,
37.6937

■ 76.2213, 73.4945,
68.2441

■ 55.9769, 44.3937,
26.3879

■ 85.3274, 86.3564,
87.7736

■ 51.4003, 37.6230,
17.5172

95.0500, 100.0000,
108.9000

■ 47.8037, 32.1870,
10.9012

■ 45.1130, 27.9961,
6.3344

■ 43.2430, 24.9495,
3.5736

■ 42.0790, 22.9248,
2.2502

■ 42.0266, 22.8333,
2.1922

Harmonies

Analogous

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



70.4616, 62.2546, 64.9987



68.3279, 62.2546, 51.5951



63.7501, 62.2546, 43.6104

Triad

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



68.3279, 62.2546, 51.5951



49.9846, 62.2546, 55.7827



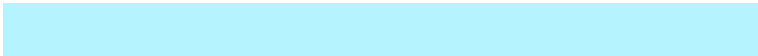
60.1630, 62.2546, 103.0510

Complementary

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



68.3279, 62.2546, 51.5951



68.9218, 81.0217, 106.6139

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.



54.8168, 62.2546, 99.5611



68.3279, 62.2546, 51.5951



49.1562, 62.2546, 70.6491

Square

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



68.3279, 62.2546, 51.5951



53.2091, 62.2546, 45.7498



50.8713, 62.2546, 87.0494



65.5626, 62.2546, 95.9552

Rectangle

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



68.3279, 62.2546, 51.5951



60.0516, 62.2546, 41.6307



50.8713, 62.2546, 87.0494



58.2993, 62.2546, 103.0875

Sweetspot

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



68.3294, 62.2575, 51.5964



85.7285, 86.9209, 88.6402



73.8528, 60.4196, 93.1589



18.0477, 18.1798, 18.3212



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.



68.3294, 62.2575, 51.5964



64.4286, 56.6611, 43.4972



77.4287, 80.4560, 54.6294



18.2441, 18.4565, 18.7452



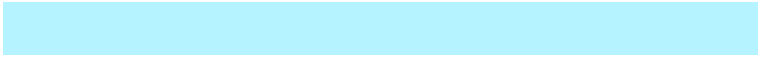
22.0287, 12.0687, 1.1684



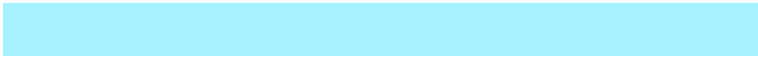
2.2089, 1.3031, 0.1351

Inverse Universe

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



68.9218, 81.0217, 106.6139



65.0942, 78.0413, 106.2404



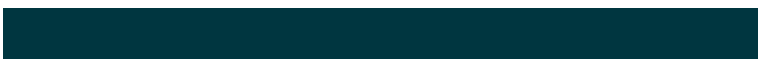
59.0045, 61.1870, 103.3081



18.2927, 19.9570, 23.1379



22.1130, 29.1356, 53.8928



2.2164, 2.9636, 5.2685

Previews

White Background



This preview shows how the XYZ color 68.3279, 62.2546, 51.5951 looks on a white background.

Color Contrast Check

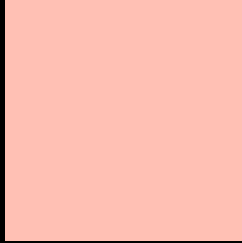
Large Text (above 18pt) WCAG AA × Fail

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 68.3279, 62.2546, 51.5951 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 68.3279, 62.2546, 51.5951

Background



This preview shows how black text looks on a background with the XYZ color 68.3279, 62.2546, 51.5951.



This preview shows how white text looks on a background with the XYZ color 68.3279, 62.2546,

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

68.3279, 62.2546, 51.5951

Protanopia

59.0653, 62.1775, 55.9021

Deuteranopia

63.4852, 62.1060, 51.2895



Tritanopia

70.4329, 62.3987, 64.8318

Trichromacy



Original Color

68.3279, 62.2546, 51.5951

Protanomaly

62.1715, 62.0570, 54.0488

Deuteranomaly

65.1848, 61.9676, 51.1732

Tritanomaly

69.7211, 62.4617, 60.0114

Monochromacy



Original Color

68.3279, 62.2546, 51.5951

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.9130, 62.9578, 62.2623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3279, 62.2546, 51.5951 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, 192, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 180)  
}
```

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, 192, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 180) }
```

Border

The CSS property to change the border of an element to XYZ 68.3279, 62.2546, 51.5951 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, 192, 180) }
```


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

```
.border{ border-color:rgb(255, 192, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3279, 62.2546, 51.5951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 180) }
```

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

```
.background{ background-color: rgb(255,  
192, 180) }
```

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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