

Converting Colors

XYZ(65.5173, 60.7485, 51.9886)

Have a look what the booklet for
XYZ(65.5173, 60.7485, 51.9886)
contains.

XYZ(65.5479, 60.8096, 51.9987)	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(65.5479, 60.8096,
51.9987)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C0B5
RGB	247, 192, 181
RGB Percent	97%, 75%, 71%
CMY	0.0314, 0.2470, 0.2902
CMYK	0.00, 0.22, 0.27, 0.03
HSL	10°, 80%, 84%
HSV	10°, 27%, 97%
XYZ	65.5479, 60.8096, 51.9987
YIQ	207.1910, 36.3110, 8.2390

Conversions

Conversions Part 2

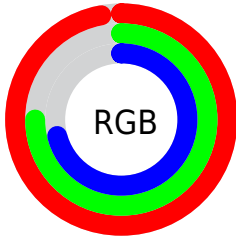
Format	Color
R _Y B	247, 194, 181
Decimal	16236725
CIE Lab	82.28, 18.15, 13.11
CIE LCh	82, 22.387, 35.853
Yxy	60.8096, 0.3675, 0.3409
Android (android.graphics.Color)	4294426805 (0xFFFF7C0B5)
YUV	207.1910, -12.9122, 34.9125
Hunter-Lab	77.9805, 13.5754, 15.0508

Details

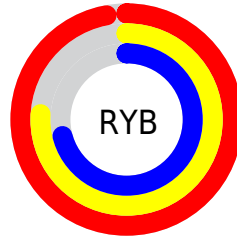
The XYZ color **65.5479, 60.8096, 51.9987** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.8392, 76.5278, 99.2973**, and the grayscale version is **59.4969, 62.5953, 68.1663**.

A 20% lighter version of the original color is **90.4017, 95.1258, 93.7172**, and **34.2200, 30.6826, 24.5408** is the 20% darker color. If you saturate the color by 10%, you get **59.0275, 51.4712, 38.4103**, and if you desaturate by 10%, it is **73.1529, 71.5973, 68.1666**.

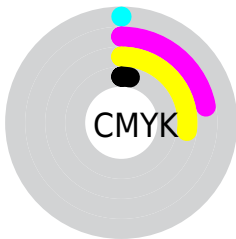
Distribution



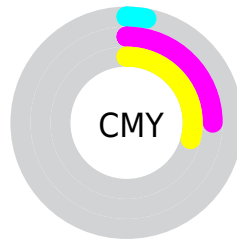
- Red (97%)
- Green (75%)
- Blue (71%)



- Red (97%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5479, 60.8096, 51.9987 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 65.5479, 60.8096, 51.9987 by changing the saturation by 10% instead.

 65.5479, 60.8096,
51.9987

 65.5479, 60.8096,
51.9987


434.2724,
427.5755, 411.3884

 48.1718, 44.0715,
36.6218


 111.8985,
106.0032, 94.5559

 34.1748, 30.7267,
24.6213


141.6038,
135.2275, 122.5733

 23.1914, 20.3909,
15.5787


176.1496,
169.3827, 155.6412

 14.8564, 12.6795,
9.0754

215.9011,
208.8532, 194.1782

 8.8043, 7.2082,
4.6929

261.2238,
254.0233, 238.6030

 4.6699, 3.5927,
2.0127


312.4830,

 2.0876, 1.4484,


305.2775, 289.3339


0.5631

370.0441,
363.0001, 346.7895


 0.6825, 0.2520,
0.0000


 0.0000, 0.0000,
0.0000

 65.5479, 60.8096,
51.9987


 65.5479, 60.8096,
51.9987


 59.0275, 51.4712,
38.4103


 73.1529, 71.5973,
68.1666


 53.5369, 43.5120,
27.2640

 81.8841, 83.8837,
87.0343

 49.0240, 36.8686,
18.4152

 91.7707, 97.7197,
108.6327

 45.4300, 31.4694,
11.7026

 92.1679, 98.5142,
108.7651

■ 42.6896, 27.2358,
6.9438

■ 40.7282, 24.0800,
3.9256

■ 39.4566, 21.9006,
2.3803

■ 39.1573, 21.3729,
2.0616

Harmonies

Analogous

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



67.4014, 60.8096, 63.5710



65.5479, 60.8096, 51.9987



61.6281, 60.8096, 45.0346

Triad

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



65.5479, 60.8096, 51.9987



49.8325, 60.8096, 56.0450



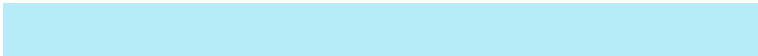
58.7372, 60.8096, 95.9008

Complementary

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



65.5479, 60.8096, 51.9987



65.8392, 76.5278, 99.2973

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.



54.1294, 60.8096, 93.1626



65.5479, 60.8096, 51.9987



49.1525, 60.8096, 68.9237

Square

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



65.5479, 60.8096, 51.9987



52.5949, 60.8096, 47.1362



50.6838, 60.8096, 82.8030



63.3328, 60.8096, 89.8424

Rectangle

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



65.5479, 60.8096, 51.9987



58.4630, 60.8096, 43.3335



50.6838, 60.8096, 82.8030



57.1375, 60.8096, 95.9880

Sweetspot

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



65.5495, 60.8124, 51.9999



86.7526, 88.3850, 90.7823



70.0225, 58.8787, 87.0315



18.2540, 18.4763, 18.7485



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.



65.5495, 60.8124, 51.9999



66.5932, 59.8358, 47.7780



73.6240, 76.9613, 54.6914



16.7224, 16.9288, 17.1838



20.7772, 11.4399, 1.1130



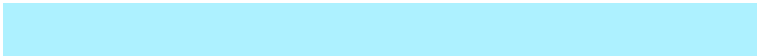
1.8891, 1.1314, 0.1188

Inverse Universe

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



65.8392, 76.5278, 99.2973



66.9442, 79.2940, 106.3847



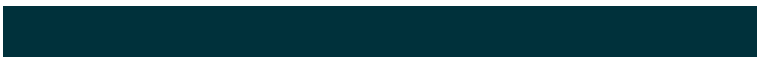
57.2011, 59.2517, 96.4179



16.7478, 18.2598, 21.1844



20.6188, 27.0313, 50.6689



1.8733, 2.4980, 4.4737

Previews

White Background



This preview shows how the XYZ color 65.5479, 60.8096, 51.9987 looks on a white background.

Color Contrast Check

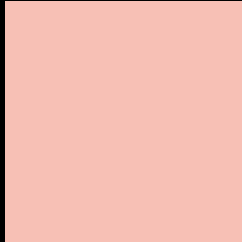
Large Text (above 18pt) WCAG AA × Fail

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 65.5479, 60.8096, 51.9987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

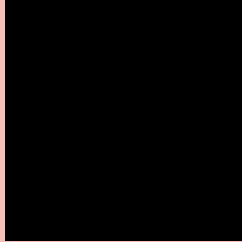
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5479, 60.8096, 51.9987

Background



This preview shows how black text looks on a background with the XYZ color 65.5479, 60.8096, 51.9987.



This preview shows how white text looks on a background with the XYZ color 65.5479, 60.8096,

51.9987.

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

65.5479, 60.8096, 51.9987

Protanopia

58.0031, 60.9197, 55.7153

Deuteranopia

62.1362, 60.7202, 51.6253



Tritanopia

68.0440, 60.8467, 64.6582

Trichromacy



Original Color

65.5479, 60.8096, 51.9987

Protanomaly

60.4626, 60.8189, 54.4514

Deuteranomaly

63.3499, 60.6762, 51.5528

Tritanomaly

66.9752, 60.7235, 59.8206

Monochromacy



Original Color

65.5479, 60.8096, 51.9987

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.4378, 61.8479, 62.1258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5479, 60.8096, 51.9987 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(247, 192, 181)` looks like.

```
.text, #text, p{  
    color:rgb(247, 192, 181)  
}
```

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(247, 192, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 192, 181) }
```

Border

The CSS property to change the border of an element to XYZ 65.5479, 60.8096, 51.9987 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(247, 192, 181) }
```


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

```
.border{ border-color:rgb(247, 192, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 192, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 192, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 192, 181);  
box-shadow:4px 4px 4px 4px rgb(247, 192,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5479, 60.8096, 51.9987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 192, 181) }
```

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

```
.background{ background-color: rgb(247,  
192, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor