

Converting Colors

XYZ(58.1872, 61.8166, 64.2642)

Have a look what the booklet for
XYZ(58.1872, 61.8166, 64.2642)
contains.

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Color

**XYZ(58.3090, 61.9645,
64.1455)**

Conversions

Conversions Part 1

Format	Color
Hex	CECF C9
RGB	206, 207, 201
RGB Percent	81%, 81%, 79%
CMY	0.1922, 0.1882, 0.2118
CMYK	0.00, 0.00, 0.03, 0.19
HSL	70°, 6%, 80%
HSV	70°, 3%, 81%
XYZ	58.3090, 61.9645, 64.1455
YIQ	206.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

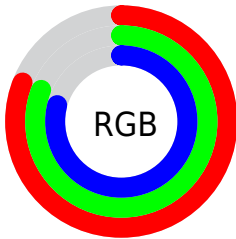
Format	Color
R_{YB}	201, 207, 202
Decimal	13553609
CIE Lab	82.89, -1.42, 2.85
CIE LCh	83, 3.181, 116.501
Yxy	61.9645, 0.3162, 0.3360
Android (android.graphics.Color)	4291743689 (0xFFCEFC9)
YUV	206.0170, -2.4734, -0.0149
Hunter-Lab	78.7175, -5.5341, 6.7879

Details

The XYZ color **58.3090, 61.9645, 64.1455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5087, 58.8366, 67.4130**, and the grayscale version is **58.6933, 61.7499, 67.2457**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6066, 31.5644, 32.1359** is the 20% darker color. If you saturate the color by 10%, you get **55.0863, 60.5676, 52.1283**, and if you desaturate by 10%, it is **61.8846, 63.5090, 77.8948**.

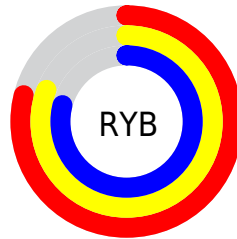
Distribution



Red (81%)

Green (81%)

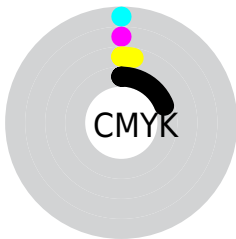
Blue (79%)



Red (79%)

Yellow (81%)

Blue (79%)

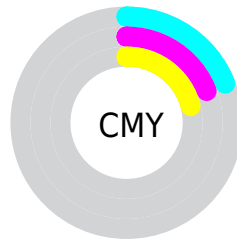


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3090, 61.9645, 64.1455 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 58.3090, 61.9645, 64.1455 by changing the saturation by 10% instead.

■ 58.3090, 61.9645,
64.1455

■ 58.3090, 61.9645,
64.1455

408.2717,
431.8016, 457.9368

■ 42.3013, 45.0040,
46.3216

101.4931,
107.6742, 112.4219

■ 29.5295, 31.4606,
32.1492

129.4002,
137.1922, 143.7115

■ 19.6280, 20.9498,
21.2097

162.0045,
171.6649, 180.3268

■ 12.2316, 13.0873,
13.0846

199.6714,
211.4766, 222.6863

■ 6.9749, 7.4887,
7.3554

242.7662,
257.0117, 271.2084

■ 3.4926, 3.7696,
3.6036

291.6543,

■ 1.4193, 1.5455,

308.6547, 326.3119

1.4105

346.7010,
366.7898, 388.4151

■ 0.2699, 0.3204,
0.1499

■ 0.0000, 0.0000,
0.0000

■ 58.3090, 61.9645,
64.1455

■ 58.3090, 61.9645,
64.1455

■ 55.0863, 60.5676,
52.1283

■ 61.8846, 63.5090,
77.8948

■ 52.1981, 59.3049,
41.7706

■ 65.8203, 65.1980,
93.4371

■ 49.6320, 58.1735,
33.0005

■ 68.7973, 66.5060,
103.8187

■ 47.3731, 57.1674,
25.7394

■ 69.8334, 67.0401,
103.8672

■ 45.4050, 56.2800,
19.9017

■ 70.8911, 67.5854,
103.9167

■ 43.7097, 55.5040,
15.3935

■ 71.9707, 68.1419,
103.9672

■ 42.2670, 54.8315,
12.1098

■ 73.0722, 68.7098,
104.0187

■ 41.0539, 54.2531,
9.9294

■ 74.1959, 69.2890,
104.0713

■ 40.0425, 53.7577,
8.7065

■ 75.3417, 69.8797,
104.1249

Harmonies

Analogous

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



58.9759, 61.9645, 63.7694



58.3090, 61.9645, 64.1455



57.8027, 61.9645, 65.4060

Triad

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



58.3090, 61.9645, 64.1455



58.1707, 61.9645, 70.6670



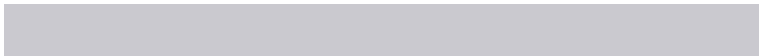
60.2213, 61.9645, 67.6995

Complementary

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



58.3090, 61.9645, 64.1455



56.5087, 58.8366, 67.4130

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.



60.0018, 61.9645, 69.5745



58.3090, 61.9645, 64.1455



58.8150, 61.9645, 71.3086

Square

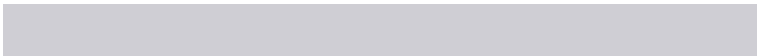
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.3090, 61.9645, 64.1455



57.7233, 61.9645, 69.1679



59.4857, 61.9645, 70.9050



60.0833, 61.9645, 65.7978

Rectangle

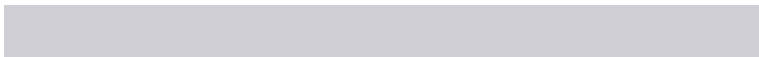
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.3090, 61.9645, 64.1455



57.6226, 61.9645, 66.5912



59.4857, 61.9645, 70.9050



60.1868, 61.9645, 68.3541

Sweetspot

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



58.3107, 61.9672, 64.1468



94.4854, 99.7561, 106.7447



57.3974, 59.7253, 63.7623



20.2297, 21.3545, 22.8705



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.



58.3107, 61.9672, 64.1468



93.3735, 99.2752, 102.5199



57.4862, 61.5421, 64.1083



13.0156, 13.8731, 14.1420



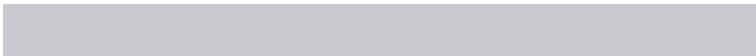
24.8994, 33.7051, 5.1934



1.4450, 1.9118, 0.2929

Inverse Universe

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



56.5087, 58.8366, 67.4130



90.3528, 94.0275, 107.9948



57.3280, 59.2589, 67.4513



12.4937, 12.9664, 15.0879



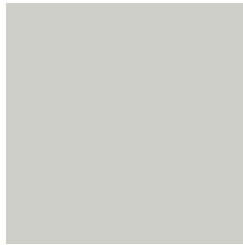
7.5787, 3.0873, 37.3890



0.4822, 0.2027, 2.0933

Previews

White Background



This preview shows how the XYZ color 58.3090, 61.9645, 64.1455 looks on a white background.

Color Contrast Check

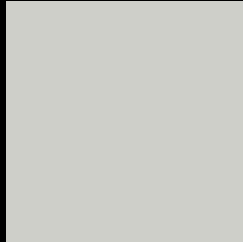
Large Text (above 18pt) WCAG AA × Fail

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 58.3090, 61.9645, 64.1455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

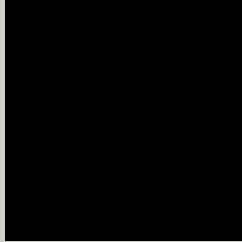
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

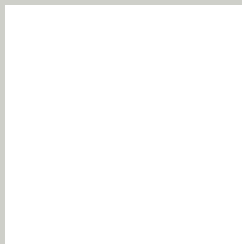
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3090, 61.9645, 64.1455

Background



This preview shows how black text looks on a background with the XYZ color 58.3090, 61.9645, 64.1455.

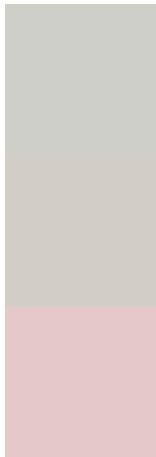


This preview shows how white text looks on a background with the XYZ color 58.3090, 61.9645,

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

58.3090, 61.9645, 64.1455

Protanopia

59.1206, 61.6817, 63.4333

Deuteranopia

63.3099, 62.0668, 64.5204



Tritanopia

60.8056, 61.9083, 76.4549

Trichromacy



Original Color

58.3090, 61.9645, 64.1455

Protanomaly

58.7911, 61.8681, 63.4867

Deuteranomaly

61.5318, 62.1918, 64.6383

Tritanomaly

59.8540, 61.8766, 71.7395

Monochromacy



Original Color

58.3090, 61.9645, 64.1455

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4240, 61.6241, 65.9421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3090, 61.9645, 64.1455 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(206, 207, 201)` looks like.

```
.text, #text, p{  
    color:rgb(206, 207, 201)  
}
```

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(206, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 207, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.3090, 61.9645, 64.1455 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(206, 207, 201) }
```


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

```
.border{ border-color:rgb(206, 207, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 207, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(206, 207,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3090, 61.9645, 64.1455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 207, 201) }
```

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

```
.background{ background-color: rgb(206,  
207, 201) }
```

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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