

Converting Colors

XYZ(59.2356, 61.9773, 64.1002)

Have a look what the booklet for
XYZ(59.2356, 61.9773, 64.1002)
contains.

XYZ(59.1923, 62.0613, 64.1176)	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(59.1923, 62.0613,
64.1176)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CEC9
RGB	210, 206, 201
RGB Percent	82%, 81%, 79%
CMY	0.1765, 0.1921, 0.2118
CMYK	0.00, 0.02, 0.04, 0.18
HSL	33°, 9%, 81%
HSV	33°, 4%, 82%
XYZ	59.1923, 62.0613, 64.1176
YIQ	206.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

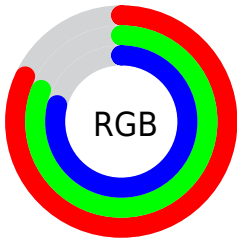
Format	Color
RYB	208, 210, 201
Decimal	13815497
CIELab	82.95, 0.49, 2.96
CIElCh	83, 3.001, 80.539
Yxy	62.0613, 0.3193, 0.3348
Android (android.graphics.Color)	4292005577 (0xFFD2CEC9)
YUV	206.6260, -2.7736, 2.9590
Hunter-Lab	78.7790, -3.7434, 6.8896

Details

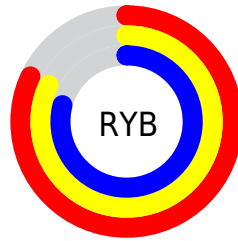
The XYZ color **59.1923, 62.0613, 64.1176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5516, 60.7325, 69.6629**, and the grayscale version is **59.0846, 62.1616, 67.6939**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2050, 31.6310, 32.1172** is the 20% darker color. If you saturate the color by 10%, you get **54.7108, 56.7846, 51.2577**, and if you desaturate by 10%, it is **64.1483, 67.7449, 78.8035**.

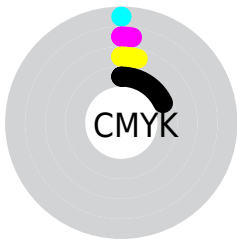
Distribution



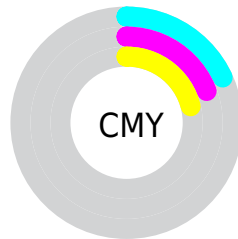
- Red (82%)
- Green (81%)
- Blue (79%)



- Red (82%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1923, 62.0613, 64.1176 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 59.1923, 62.0613, 64.1176 by changing the saturation by 10% instead.

■ 59.1923, 62.0613,
64.1176

■ 59.1923, 62.0613,
64.1176

411.4968,
432.1547, 457.8333

■ 43.0149, 45.0822,
46.2991

102.7701,
107.8141, 112.3814

■ 30.0914, 31.5222,
32.1316

130.9013,
137.3567, 143.6638

■ 20.0564, 20.9968,
21.1964

163.7477,
171.8558, 180.2712

■ 12.5445, 13.1217,
13.0750

201.6748,
211.6960, 222.6223

■ 7.1905, 7.5124,
7.3489

245.0479,
257.2616, 271.1355

■ 3.6289, 3.7846,
3.5995

294.2324,

■ 1.4944, 1.5538,

308.9369, 326.2294

1.4083

349.5935,
367.1065, 388.3224

■ 0.3220, 0.3261,
0.1482

■ 0.0000, 0.0000,
0.0000

■ 59.1923, 62.0613,
64.1176

■ 59.1923, 62.0613,
64.1176

■ 54.7108, 56.7846,
51.2577

■ 64.1483, 67.7449,
78.8035

■ 50.6826, 51.8966,
40.1472

■ 69.5887, 73.8370,
95.3797

■ 47.0927, 47.3897,
30.7102

■ 74.0458, 79.7560,
106.0996

■ 43.9229, 43.2526,
22.8635

■ 76.7706, 85.2056,
107.0078

■ 41.1537, 39.4737,
16.5167

■ 79.6372, 90.9388,
107.9634

■ 38.7639, 36.0402,
11.5701

■ 80.3887, 92.4418,
108.2139

■ 36.7298, 32.9386,
7.9120

■ 35.0241, 30.1534,
5.4131

■ 33.6145, 27.6673,
3.9165

Harmonies

Analogous

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



59.7823, 62.0613, 64.8584



59.1923, 62.0613, 64.1176



58.5517, 62.0613, 64.2898

Triad

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



59.1923, 62.0613, 64.1176



57.8291, 62.0613, 68.8330



59.9539, 62.0613, 69.8659

Complementary

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



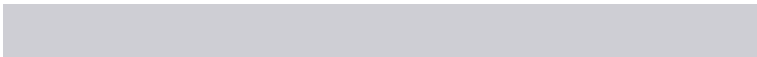
59.1923, 62.0613, 64.1176



57.5516, 60.7325, 69.6629

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.



59.4253, 62.0613, 70.9686



59.1923, 62.0613, 64.1176



58.1996, 62.0613, 70.3647

Square

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



59.1923, 62.0613, 64.1176



57.7678, 62.0613, 66.9898



58.7830, 62.0613, 71.1529



60.2241, 62.0613, 68.1620

Rectangle

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



59.1923, 62.0613, 64.1176



58.1818, 62.0613, 64.9004



58.7830, 62.0613, 71.1529



59.8004, 62.0613, 70.3205

Sweetspot

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



59.1940, 62.0640, 64.1189



94.2819, 99.1165, 106.6320



58.4914, 59.8861, 66.2665



20.1883, 21.2243, 22.8475



0.0000, 0.0000, 0.0000



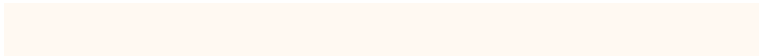
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.1940, 62.0640, 64.1189



91.2850, 95.6466, 97.8518



60.0405, 63.9468, 64.4378



12.7189, 13.3197, 13.5246



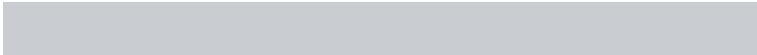
20.1768, 16.2866, 2.0802



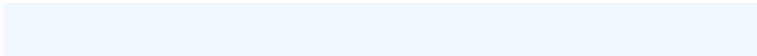
1.2066, 1.0676, 0.1425

Inverse Universe

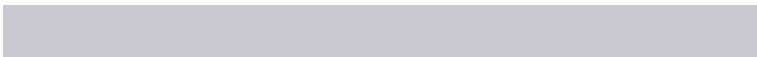
The Inverse Universe completely reimagines the original color for something new.



57.5516, 60.7325, 69.6629



88.2940, 93.2219, 107.9478



56.7290, 58.9074, 69.3540



12.2534, 12.9423, 15.0959



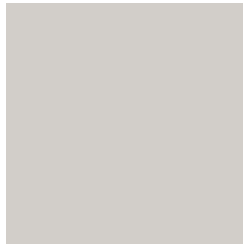
9.5938, 7.8342, 38.1990



0.6150, 0.5951, 2.1620

Previews

White Background



This preview shows how the XYZ color 59.1923, 62.0613, 64.1176 looks on a white background.

Color Contrast Check

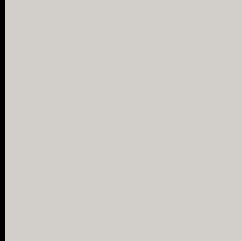
Large Text (above 18pt) WCAG AA × Fail

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 59.1923, 62.0613, 64.1176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

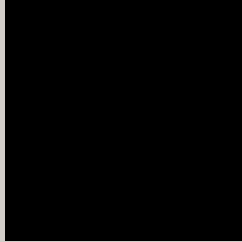
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1923, 62.0613, 64.1176

Background



This preview shows how black text looks on a background with the XYZ color 59.1923, 62.0613, 64.1176.



This preview shows how white text looks on a background with the XYZ color 59.1923, 62.0613,

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

59.1923, 62.0613, 64.1176

Protanopia

59.4779, 62.2085, 64.1310

Deuteranopia

63.3099, 62.0668, 64.5204



Tritanopia

61.5827, 61.9725, 75.7340

Trichromacy



Original Color

59.1923, 62.0613, 64.1176

Protanomaly

59.4779, 62.2085, 64.1310

Deuteranomaly

61.6000, 61.8775, 64.5740

Tritanomaly

60.6279, 61.9362, 71.0468

Monochromacy



Original Color

59.1923, 62.0613, 64.1176

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3447, 62.4433, 66.6826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1923, 62.0613, 64.1176 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(210, 206, 201) looks like.

```
.text, #text, p{  
    color:rgb(210, 206, 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(210, 206, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 206, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.1923, 62.0613, 64.1176 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(210, 206, 201) }
```


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

```
.border{ border-color:rgb(210, 206, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 206, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 206, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 206, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 206,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1923, 62.0613, 64.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 206, 201) }
```

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

```
.background{ background-color: rgb(210,  
206, 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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