

Converting Colors

XYZ(56.0973, 60.2982, 59.8773)

Have a look what the booklet for
XYZ(56.0973, 60.2982, 59.8773)
contains.

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Color

**XYZ(55.9260, 60.1142,
59.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	CACDC2
RGB	202, 205, 194
RGB Percent	79%, 80%, 76%
CMY	0.2078, 0.1961, 0.2392
CMYK	0.01, 0.00, 0.05, 0.20
HSL	76°, 10%, 78%
HSV	76°, 5%, 80%
XYZ	55.9260, 60.1142, 59.6945
YIQ	202.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

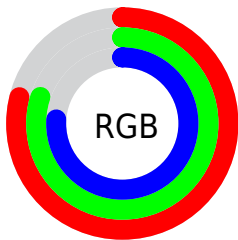
Format	Color
RYB	194, 205, 197
Decimal	13290946
CIELab	81.90, -3.00, 5.10
CIElCh	82, 5.921, 120.463
Yxy	60.1142, 0.3182, 0.3421
Android (android.graphics.Color)	4291481026 (0xFFCACDC2)
YUV	202.8490, -4.3626, -0.7446
Hunter-Lab	77.5333, -6.9286, 8.6248

Details

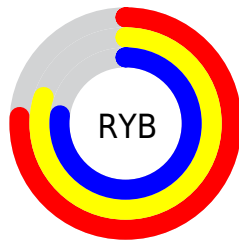
The XYZ color **55.9260, 60.1142, 59.6945** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3395, 54.8633, 65.5391**, and the grayscale version is **56.6971, 59.6498, 64.9586**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **28.0130, 30.3226, 29.1873** is the 20% darker color. If you saturate the color by 10%, you get **52.2942, 58.4916, 48.3236**, and if you desaturate by 10%, it is **59.9337, 61.8973, 72.7435**.

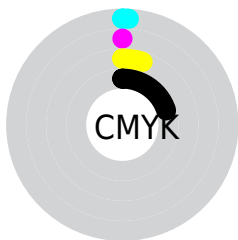
Distribution



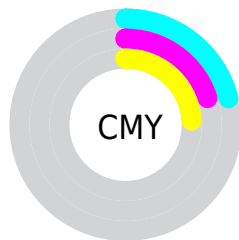
- Red (79%)
- Green (80%)
- Blue (76%)



- Red (76%)
- Yellow (80%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9260, 60.1142, 59.6945 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 55.9260, 60.1142, 59.6945 by changing the saturation by 10% instead.

■ 55.9260, 60.1142,
59.6945

■ 55.9260, 60.1142,
59.6945

399.4921,
425.0186, 441.2441

■ 40.3804, 43.5107,
42.7488

■ 98.0368, 104.9953,
105.9254

■ 28.0208, 30.2860,
29.3581

125.3327,
134.0417, 136.0476

■ 18.4818, 20.0558,
19.1040

157.2760,
168.0045, 171.3991

■ 11.3983, 12.4356,
11.5679

194.2322,
207.2681, 212.3984

■ 6.4046, 7.0411,
6.3312

236.5665,
252.2169, 259.4640

■ 3.1356, 3.4878,
2.9755

284.6444,

■ 1.2259, 1.3914,

303.2354, 313.0144

1.0821

338.8311,
360.7078, 373.4683

■ 0.1267, 0.2104,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9260, 60.1142,
59.6945

■ 55.9260, 60.1142,
59.6945

■ 52.2942, 58.4916,
48.3236

■ 59.9337, 61.8973,
72.7435

■ 49.0199, 57.0164,
38.5588

■ 64.3251, 63.8385,
87.5309

■ 46.0903, 55.6853,
30.3287

■ 69.0329, 65.9126,
103.6917

■ 43.4900, 54.4920,
23.5549

■ 70.7431, 66.7942,
103.7717

41.2021, 53.4298,
18.1522

72.5103, 67.7053,
103.8545

39.2082, 52.4911,
14.0263

74.3353, 68.6460,
103.9399

37.4876, 51.6677,
11.0713

76.2184, 69.6168,
104.0280

36.0162, 50.9499,
9.1642

78.1602, 70.6179,
104.1189

34.7648, 50.3258,
8.1543

80.1613, 71.6495,
104.2125

Harmonies

Analogous

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



57.1173, 60.1142, 58.8049



55.9260, 60.1142, 59.6945



55.0696, 60.1142, 62.1168

Triad

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



55.9260, 60.1142, 59.6945



55.9592, 60.1142, 71.6320



59.5758, 60.1142, 65.3985

Complementary

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



55.9260, 60.1142, 59.6945



53.3395, 54.8633, 65.5391

Split Complementary

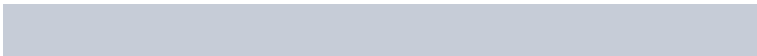
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.2550, 60.1142, 68.9090



55.9260, 60.1142, 59.6945



57.1562, 60.1142, 72.5866

Square

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



55.9260, 60.1142, 59.6945



55.0886, 60.1142, 69.0089



58.3648, 60.1142, 71.5728



59.2351, 60.1142, 62.0236

Rectangle

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



55.9260, 60.1142, 59.6945



54.7975, 60.1142, 64.3195



58.3648, 60.1142, 71.5728



59.5417, 60.1142, 66.6020

Sweetspot

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



55.9277, 60.1168, 59.6958



93.7293, 99.4128, 104.6088



54.8676, 56.7783, 59.1073



20.0758, 21.2846, 22.4355



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.



55.9277, 60.1168, 59.6958



91.1636, 98.2699, 96.3678



54.4835, 59.3723, 59.6282



12.0717, 13.0386, 12.6736



21.4063, 31.2106, 4.8960



1.1748, 1.6464, 0.2559

Inverse Universe

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



53.3395, 54.8633, 65.5391



86.3873, 88.5747, 107.1513



54.7878, 55.6099, 65.6069



11.3873, 11.6494, 14.2188



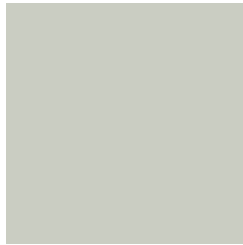
7.9532, 3.3076, 36.1755



0.4846, 0.2090, 1.8697

Previews

White Background



This preview shows how the XYZ color 55.9260, 60.1142, 59.6945 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 55.9260, 60.1142, 59.6945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

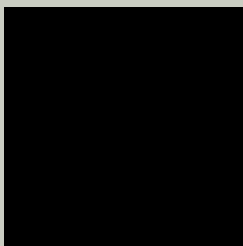
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

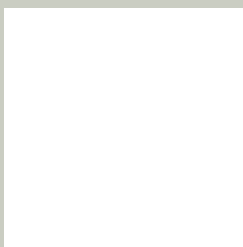
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9260, 60.1142, 59.6945

Background



This preview shows how black text looks on a background with the XYZ color 55.9260, 60.1142, 59.6945.



This preview shows how white text looks on a background with the XYZ color 55.9260, 60.1142,

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

55.9260, 60.1142, 59.6945

Protanopia

57.5599, 60.2638, 59.0504

Deuteranopia

61.2941, 60.0868, 60.5919



Tritanopia

58.8646, 59.9049, 74.1059

Trichromacy



Original Color

55.9260, 60.1142, 59.6945

Protanomaly

56.9506, 60.3014, 59.0898

Deuteranomaly

59.1199, 60.0004, 60.0950

Tritanomaly

57.8060, 59.8236, 68.8220

Monochromacy



Original Color

55.9260, 60.1142, 59.6945

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6468, 60.0524, 63.2492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9260, 60.1142, 59.6945 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(202, 205, 194) looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 194)  
}
```

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(202, 205, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.9260, 60.1142, 59.6945 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(202, 205, 194) }
```


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

```
.border{ border-color:rgb(202, 205, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 194);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9260, 60.1142, 59.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 194) }
```

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

```
.background{ background-color: rgb(202,  
205, 194) }
```

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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