

Converting Colors

XYZ(55.4666, 59.8508, 48.6727)

Have a look what the booklet for
XYZ(55.4666, 59.8508, 48.6727)
contains.

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Color

**XYZ(55.5273, 59.7970,
48.6598)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CCAЕ
RGB	209, 204, 174
RGB Percent	82%, 80%, 68%
CMY	0.1804, 0.2000, 0.3176
CMYK	0.00, 0.02, 0.17, 0.18
HSL	51°, 28%, 75%
HSV	51°, 17%, 82%
XYZ	55.5273, 59.7970, 48.6598
YIQ	202.0750, 12.6100, -8.2700

Conversions

Conversions Part 2

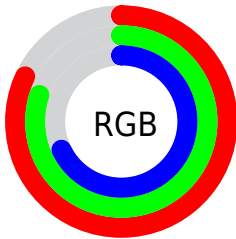
Format	Color
RYB	180, 209, 174
Decimal	13749422
CIELab	81.73, -3.26, 15.59
CIELCh	82, 15.923, 101.801
Yxy	59.7970, 0.3386, 0.3647
Android (android.graphics.Color)	4291939502 (0xFFD1CCAЕ)
YUV	202.0750, -13.8410, 6.0732
Hunter-Lab	77.3285, -7.1494, 16.8211

Details

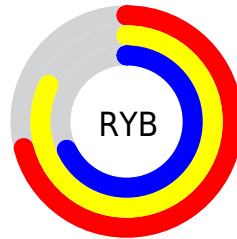
The XYZ color **55.5273, 59.7970, 48.6598** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0841, 45.8413, 66.7940**, and the grayscale version is **56.2653, 59.1954, 64.4638**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **27.7456, 30.0879, 22.7575** is the 20% darker color. If you saturate the color by 10%, you get **52.9446, 57.6423, 38.5166**, and if you desaturate by 10%, it is **58.4438, 62.1110, 60.4798**.

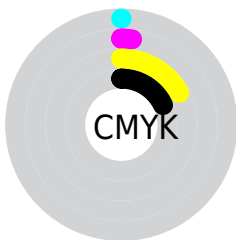
Distribution



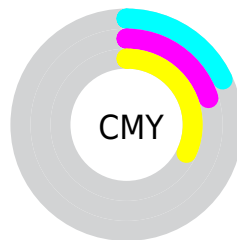
- Red (82%)
- Green (80%)
- Blue (68%)



- Red (71%)
- Yellow (82%)
- Blue (68%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5273, 59.7970, 48.6598 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 55.5273, 59.7970, 48.6598 by changing the saturation by 10% instead.

■ 55.5273, 59.7970,
48.6598

■ 55.5273, 59.7970,
48.6598

398.0116,
423.8491, 397.9854

■ 40.0596, 43.2550,
33.9860

■ 97.4569, 104.5351,
89.5617

■ 27.7694, 30.0853,
22.6056

124.6495,
133.5001, 116.6269

■ 18.2915, 19.9033,
14.1000

156.4811,
167.3748, 148.6597

■ 11.2604, 12.3248,
8.0507

193.3171,
206.5438, 186.0785

■ 6.3109, 6.9653,
4.0392

235.5228,
251.3912, 229.3019

■ 3.0775, 3.4404,
1.6469

283.4635,

■ 1.1949, 1.3657,

302.3017, 278.7485

0.3239

337.5047,
359.6595, 334.8368

■ 0.1023, 0.1913,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5273, 59.7970,
48.6598

■ 55.5273, 59.7970,
48.6598

■ 52.9446, 57.6423,
38.5166

■ 58.4438, 62.1110,
60.4798

■ 50.6763, 55.6329,
29.9695

■ 61.7032, 64.5820,
74.0450

■ 48.7082, 53.7651,
22.9366

■ 65.3199, 67.2179,
89.4242

■ 47.0229, 52.0318,
17.3275

■ 68.8844, 69.8550,
104.4605

■ 45.6014, 50.4253,
13.0418

■ 69.6554, 71.3969,
104.7175

■ 44.4221, 48.9367,
9.9663

■ 70.4403, 72.9666,
104.9791

■ 43.4598, 47.5560,
7.9686

■ 71.2391, 74.5644,
105.2454

■ 42.6816, 46.2698,
6.8767

■ 72.0521, 76.1904,
105.5164

■ 42.4489, 45.8639,
6.6153

■ 72.8793, 77.8446,
105.7921

Harmonies

Analogous

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



58.8722, 59.7970, 49.1003



55.5273, 59.7970, 48.6598



52.6465, 59.7970, 52.2948

Triad

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



55.5273, 59.7970, 48.6598



52.1646, 59.7970, 78.2038



63.1807, 59.7970, 71.0458

Complementary

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



55.5273, 59.7970, 48.6598



45.0841, 45.8413, 66.7940

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.



61.2405, 59.7970, 79.8616



55.5273, 59.7970, 48.6598



54.8459, 59.7970, 84.2658

Square

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



55.5273, 59.7970, 48.6598



50.7567, 59.7970, 68.9572



58.1636, 59.7970, 84.9007



63.3807, 59.7970, 61.4063

Rectangle

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



55.5273, 59.7970, 48.6598



51.3420, 59.7970, 56.7698



58.1636, 59.7970, 84.9007



62.7069, 59.7970, 74.2268

Sweetspot

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



55.5289, 59.7997, 48.6611



92.4868, 98.0502, 98.2524



49.5932, 47.0930, 49.2573



19.7213, 20.9292, 20.7219



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.



55.5289, 59.7997, 48.6611



85.6207, 92.5829, 70.4843



53.4015, 60.4940, 48.9072



12.6536, 13.4979, 12.5505



26.2279, 28.3889, 4.0972



1.5068, 1.6680, 0.2425

Inverse Universe

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



45.0841, 45.8413, 66.7940



66.3155, 66.7847, 104.0033



46.9559, 45.3468, 66.5999



11.2979, 11.6860, 14.9038



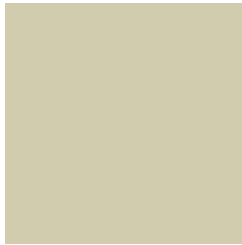
7.4229, 3.4925, 37.4754



0.4600, 0.2851, 2.1104

Previews

White Background



This preview shows how the XYZ color 55.5273, 59.7970, 48.6598 looks on a white background.

Color Contrast Check

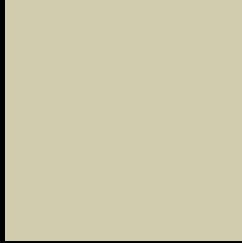
Large Text (above 18pt) WCAG AA × Fail

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 55.5273, 59.7970, 48.6598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

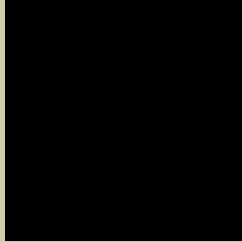
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

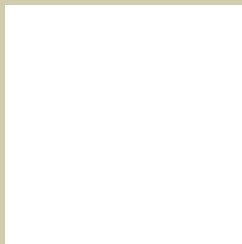
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5273, 59.7970, 48.6598

Background



This preview shows how black text looks on a background with the XYZ color 55.5273, 59.7970, 48.6598.



This preview shows how white text looks on a background with the XYZ color 55.5273, 59.7970,

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

55.5273, 59.7970, 48.6598

Protanopia

56.6303, 60.0251, 48.1364

Deuteranopia

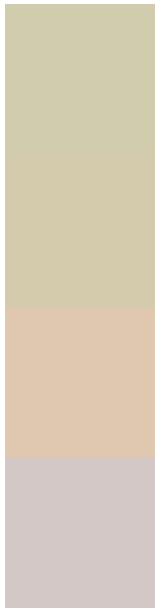
61.1807, 59.9381, 49.4189



Tritanopia

60.0632, 59.5393, 71.9449

Trichromacy



Original Color

55.5273, 59.7970, 48.6598

Protanomaly

56.0501, 59.7261, 48.1093

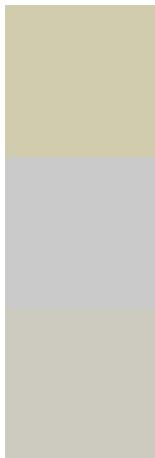
Deuteranomaly

58.9018, 59.7893, 48.9935

Tritanomaly

58.1145, 59.4291, 62.4408

Monochromacy



Original Color

55.5273, 59.7970, 48.6598

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0472, 59.4968, 58.3992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5273, 59.7970, 48.6598 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(209, 204, 174)` looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 174)  
}
```

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(209, 204, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 174) }
```

Border

The CSS property to change the border of an element to XYZ 55.5273, 59.7970, 48.6598 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(209, 204, 174) }
```


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

```
.border{ border-color:rgb(209, 204, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 204, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 204, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 204, 174);  
box-shadow:4px 4px 4px 4px rgb(209, 204,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5273, 59.7970, 48.6598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 174) }
```

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

```
.background{ background-color: rgb(209,  
204, 174) }
```

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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