

Converting Colors

XYZ(55.3923, 59.9519, 28.9026)

Have a look what the booklet for
XYZ(55.3923, 59.9519, 28.9026)
contains.

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Color

**XYZ(55.3764, 59.8000,
29.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	DECB80
RGB	222, 203, 128
RGB Percent	87%, 80%, 50%
CMY	0.1294, 0.2039, 0.4980
CMYK	0.00, 0.09, 0.42, 0.13
HSL	48°, 59%, 69%
HSV	48°, 42%, 87%
XYZ	55.3764, 59.8000, 29.0460
YIQ	200.1310, 35.3990, -19.2970

Conversions

Conversions Part 2

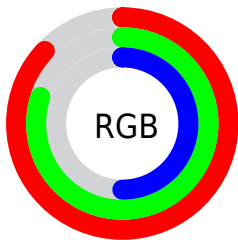
Format	Color
RYB	152, 222, 128
Decimal	14601088
CIELab	81.73, -3.64, 39.75
CIELCh	82, 39.918, 95.235
Yxy	59.8000, 0.3840, 0.4146
Android (android.graphics.Color)	4292791168 (0xFFDECB80)
YUV	200.1310, -35.5606, 19.1791
Hunter-Lab	77.3305, -7.5043, 31.8615

Details

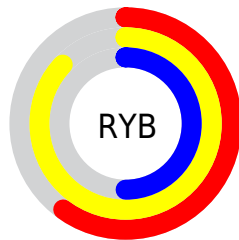
The XYZ color **55.3764, 59.8000, 29.0460** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.5203, 30.7295, 73.3244**, and the grayscale version is **55.1787, 58.0523, 63.2189**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **27.6041, 30.0300, 11.3627** is the 20% darker color. If you saturate the color by 10%, you get **53.0285, 57.1923, 21.8262**, and if you desaturate by 10%, it is **58.0776, 62.6024, 37.9621**.

Distribution



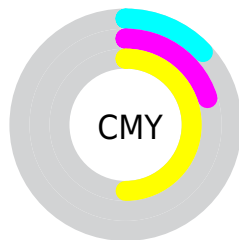
- Red (87%)
- Green (80%)
- Blue (50%)



- Red (60%)
- Yellow (87%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (42%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3764, 59.8000, 29.0460 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 55.3764, 59.8000, 29.0460 by changing the saturation by 10% instead.

■ 55.3764, 59.8000,
29.0460

■ 55.3764, 59.8000,
29.0460

397.4504,
423.8602, 311.4997

■ 39.9382, 43.2574,
18.8697

■ 97.2373, 104.5395,
59.1932

■ 27.6744, 30.0872,
11.4003

■ 124.3908,
133.5052, 80.0013

■ 18.2195, 19.9048,
6.2192

■ 156.1800,
167.3808, 105.1903

■ 11.2084, 12.3258,
2.9079

192.9704,
206.5506, 135.1789

■ 6.2755, 6.9660,
1.0478

235.1272,
251.3991, 170.3856

■ 3.0555, 3.4408,
0.0000

283.0160,

■ 1.1832, 1.3660,

302.3105, 211.2289

0.0000

337.0019,
359.6695, 258.1274

■ 0.0930, 0.1915,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3764, 59.8000,
29.0460

■ 55.3764, 59.8000,
29.0460

■ 53.0285, 57.1923,
21.8262

■ 58.0776, 62.6024,
37.9621

■ 51.0082, 54.7622,
16.1878


■ 61.1471, 65.5994,
48.6717

■ 49.2930, 52.5023,
12.0079


■ 64.6043, 68.8013,
61.2692


■ 47.8557, 50.4014,
9.1433


■ 68.4659, 72.2152,
75.8412


 46.6632, 48.4458,
7.4220


 72.7475, 75.8478,
92.4689

 45.8741, 47.0295,
6.6598

 76.4490, 79.2994,
105.8848

 77.7130, 81.8273,
106.3061

 79.0093, 84.4200,
106.7382

 80.3382, 87.0778,
107.1812

Harmonies

Analogous

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



63.8788, 59.8000, 31.4830



55.3764, 59.8000, 29.0460



48.0162, 59.8000, 34.1566

Triad

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



55.3764, 59.8000, 29.0460



44.6355, 59.8000, 95.6256



72.8090, 59.8000, 86.4838

Complementary

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



55.3764, 59.8000, 29.0460



32.5203, 30.7295, 73.3244

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.



66.6793, 59.8000, 110.6951



55.3764, 59.8000, 29.0460



50.3347, 59.8000, 116.8195

Square

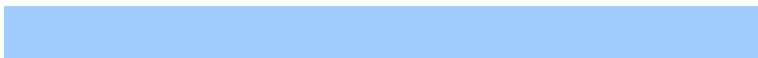
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.3764, 59.8000, 29.0460



42.2180, 59.8000, 69.4266



58.3253, 59.8000, 122.9213



74.4950, 59.8000, 60.9800

Rectangle

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



55.3764, 59.8000, 29.0460



44.5707, 59.8000, 42.1293



58.3253, 59.8000, 122.9213



71.1722, 59.8000, 95.2236

Sweetspot

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



55.3779, 59.8028, 29.0472



88.0649, 93.8462, 82.4745



43.2181, 33.1183, 32.2847



18.6161, 19.8740, 16.7924



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.



55.3779, 59.8028, 29.0472



72.8807, 78.6238, 30.7200



52.6183, 65.4520, 30.2831



14.6242, 15.5344, 14.5344



27.3293, 28.0964, 3.9827



1.9547, 2.0682, 0.2962

Inverse Universe

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



32.5203, 30.7295, 73.3244



37.6036, 33.7832, 99.1466



34.3518, 27.6453, 72.6326



13.1752, 13.6896, 17.3356



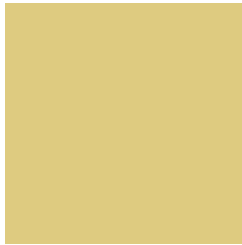
8.4490, 4.3675, 41.4461



0.6491, 0.4297, 2.8940

Previews

White Background



This preview shows how the XYZ color 55.3764, 59.8000, 29.0460 looks on a white background.

Color Contrast Check

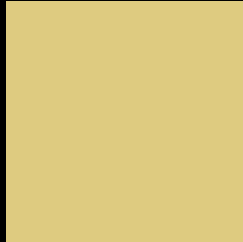
Large Text (above 18pt) WCAG AA × Fail

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 55.3764, 59.8000, 29.0460 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 55.3764, 59.8000, 29.0460

Background



This preview shows how black text looks on a background with the XYZ color 55.3764, 59.8000, 29.0460.



This preview shows how white text looks on a background with the XYZ color 55.3764, 59.8000,

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

55.3764, 59.8000, 29.0460

Protanopia

55.0710, 59.6425, 29.0317

Deuteranopia

60.9772, 59.6078, 29.4107



Tritanopia

63.0883, 59.5170, 67.8373

Trichromacy



Original Color

55.3764, 59.8000, 29.0460

Protanomaly

55.0710, 59.6425, 29.0317

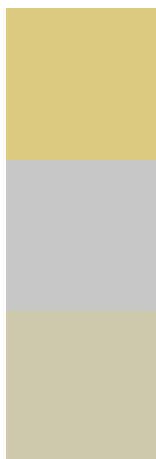
Deuteranomaly

58.8538, 59.5220, 29.1558

Tritanomaly

59.7815, 59.5181, 50.9851

Monochromacy



Original Color

55.3764, 59.8000, 29.0460

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5390, 58.2392, 48.4112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3764, 59.8000, 29.0460 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(222, 203, 128)` looks like.

```
.text, #text, p{  
    color:rgb(222, 203, 128)  
}
```

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(222, 203, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 203, 128) }
```

Border

The CSS property to change the border of an element to XYZ 55.3764, 59.8000, 29.0460 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(222, 203, 128) }
```


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

```
.border{ border-color:rgb(222, 203, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 203, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 203, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 203, 128);  
box-shadow:4px 4px 4px 4px rgb(222, 203,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3764, 59.8000, 29.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 203, 128) }
```

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

```
.background{ background-color: rgb(222,  
203, 128) }
```

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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