

Converting Colors

XYZ(59.2278, 64.0196, 52.4360)

Have a look what the booklet for
XYZ(59.2278, 64.0196, 52.4360)
contains.

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Color

**XYZ(59.2640, 64.1800,
52.4444)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D3B4
RGB	214, 211, 180
RGB Percent	84%, 83%, 71%
CMY	0.1608, 0.1725, 0.2941
CMYK	0.00, 0.01, 0.16, 0.16
HSL	55°, 29%, 77%
HSV	55°, 16%, 84%
XYZ	59.2640, 64.1800, 52.4444
YIQ	208.3630, 11.7390, -9.0050

Conversions

Conversions Part 2

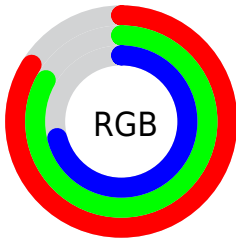
Format	Color
RYB	183, 214, 180
Decimal	14078900
CIELab	84.06, -4.13, 15.74
CIELCh	84, 16.275, 104.713
Yxy	64.1800, 0.3369, 0.3649
Android (android.graphics.Color)	4292268980 (0xFFD6D3B4)
YUV	208.3630, -13.9830, 4.9436
Hunter-Lab	80.1124, -8.1495, 17.2654

Details

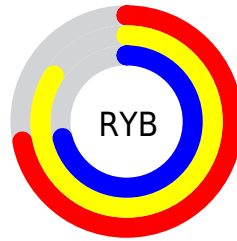
The XYZ color **59.2640, 64.1800, 52.4444** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8932, 48.4241, 70.4412**, and the grayscale version is **60.2738, 63.4128, 69.0565**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **30.1858, 33.0172, 24.8607** is the 20% darker color. If you saturate the color by 10%, you get **56.7852, 62.4456, 41.6802**, and if you desaturate by 10%, it is **62.0884, 66.0657, 64.9859**.

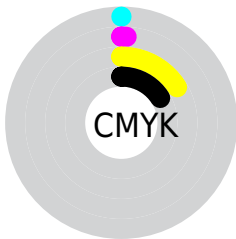
Distribution



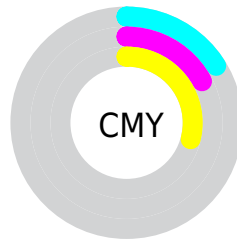
- Red (84%)
- Green (83%)
- Blue (71%)



- Red (72%)
- Yellow (84%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (16%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2640, 64.1800, 52.4444 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 59.2640, 64.1800, 52.4444 by changing the saturation by 10% instead.

■ 59.2640, 64.1800,
52.4444

■ 59.2640, 64.1800,
52.4444

411.7579,
439.8394, 413.1555

■ 43.0729, 46.7965,
36.9747

■ 102.8737,
110.8701, 95.2196

■ 30.1371, 32.8748,
24.8923

131.0230,
140.9455, 123.3621

■ 20.0912, 22.0305,
15.7785

163.8890,
176.0203, 156.5661

■ 12.5700, 13.8793,
9.2149

201.8371,
216.4789, 195.2500

■ 7.2081, 8.0368,
4.7829

245.2327,
262.7058, 239.8323

■ 3.6401, 4.1185,
2.0640

294.4412,

■ 1.5006, 1.7401,

315.0852, 290.7316

0.5942

349.8278,
374.0016, 348.3665

■ 0.3262, 0.4494,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2640, 64.1800,
52.4444

■ 59.2640, 64.1800,
52.4444

■ 56.7852, 62.4456,
41.6802

■ 62.0884, 66.0657,
64.9859

■ 54.6314, 60.8479,
32.6082

■ 65.2676, 68.1000,
79.3766

■ 52.7877, 59.3829,
25.1424

■ 68.8170, 70.2912,
95.6892

■ 51.2361, 58.0434,
19.1874

■ 70.9949, 71.9427,
104.7522

■ 49.9564, 56.8214,
14.6382

■ 71.4882, 72.9292,
104.9167

■ 48.9262, 55.7079,
11.3759

■ 71.9870, 73.9269,
105.0829

■ 48.1192, 54.6922,
9.2623

■ 72.4915, 74.9358,
105.2511

■ 47.5028, 53.7613,
8.1260

■ 73.0016, 75.9560,
105.4211

■ 47.2803, 53.3933,
7.8140

■ 73.5173, 76.9874,
105.5930

Harmonies

Analogous

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



62.8401, 64.1800, 52.4867



59.2640, 64.1800, 52.4444



56.2704, 64.1800, 56.7476

Triad

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



59.2640, 64.1800, 52.4444



56.2241, 64.1800, 84.7398



67.9080, 64.1800, 75.2263

Complementary

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



59.2640, 64.1800, 52.4444



47.8932, 48.4241, 70.4412

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.



65.9899, 64.1800, 84.8991



59.2640, 64.1800, 52.4444



59.1985, 64.1800, 90.7477

Square

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



59.2640, 64.1800, 52.4444



54.5627, 64.1800, 75.0255



62.7719, 64.1800, 90.8087



67.9272, 64.1800, 64.9774

Rectangle

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



59.2640, 64.1800, 52.4444



54.9677, 64.1800, 61.7690



62.7719, 64.1800, 90.8087



67.4607, 64.1800, 78.6741

Sweetspot

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



59.2657, 64.1828, 52.4458



92.7073, 98.4913, 98.3259



52.6424, 50.3750, 51.9680



19.7751, 21.0368, 20.7399



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.



59.2657, 64.1828, 52.4458



86.8611, 94.5701, 72.4192



56.2117, 63.7234, 52.5180



13.3749, 14.3241, 13.2206



28.6168, 32.3509, 4.7361



1.7541, 2.0074, 0.2950

Inverse Universe

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



47.8932, 48.4241, 70.4412



66.9056, 66.9188, 103.9981



50.6051, 48.9149, 70.3930



11.8297, 12.1828, 15.6655



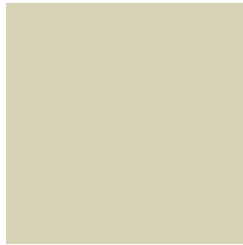
7.5079, 3.2776, 38.6901



0.4839, 0.2599, 2.3440

Previews

White Background



This preview shows how the XYZ color 59.2640, 64.1800, 52.4444 looks on a white background.

Color Contrast Check

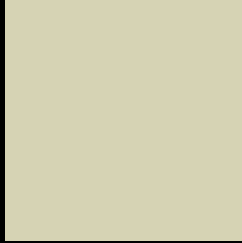
Large Text (above 18pt) WCAG AA × Fail

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 59.2640, 64.1800, 52.4444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

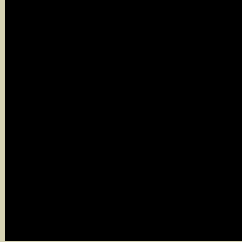
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

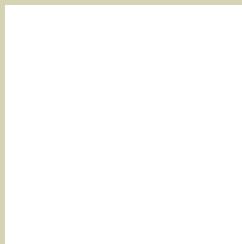
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2640, 64.1800, 52.4444

Background



This preview shows how black text looks on a background with the XYZ color 59.2640, 64.1800, 52.4444.



This preview shows how white text looks on a background with the XYZ color 59.2640, 64.1800,

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

59.2640, 64.1800, 52.4444

Protanopia

60.4523, 64.0712, 51.8286

Deuteranopia

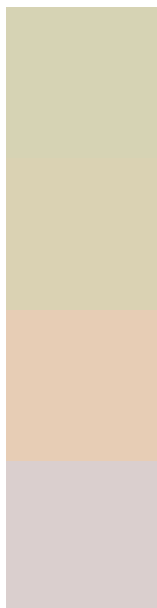
65.4992, 64.1437, 53.1848



Tritanopia

64.3977, 64.0987, 77.3848

Trichromacy



Original Color

59.2640, 64.1800, 52.4444

Protanomaly

60.0967, 64.2533, 51.8825

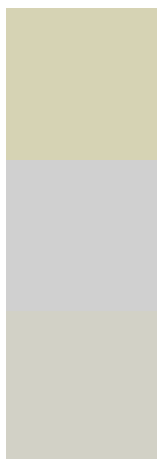
Deuteranomaly

63.1268, 63.9878, 52.7398

Tritanomaly

62.3668, 63.9873, 67.4562

Monochromacy



Original Color

59.2640, 64.1800, 52.4444

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5718, 63.3798, 62.5198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2640, 64.1800, 52.4444 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(214, 211, 180)` looks like.

```
.text, #text, p{  
    color:rgb(214, 211, 180)  
}
```

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(214, 211, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 211, 180) }
```

Border

The CSS property to change the border of an element to XYZ 59.2640, 64.1800, 52.4444 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(214, 211, 180) }
```


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

```
.border{ border-color:rgb(214, 211, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 211, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 211, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 211, 180);  
box-shadow:4px 4px 4px 4px rgb(214, 211,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2640, 64.1800, 52.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 211, 180) }
```

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

```
.background{ background-color: rgb(214,  
211, 180) }
```

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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