

Converting Colors

XYZ(54.7422, 59.2575, 42.4574)

Have a look what the booklet for
XYZ(54.7422, 59.2575, 42.4574)
contains.

XYZ(54.6529, 59.1340, 42.2517)	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(54.6529, 59.1340,
42.2517)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CBA1
RGB	211, 203, 161
RGB Percent	83%, 80%, 63%
CMY	0.1725, 0.2039, 0.3686
CMYK	0.00, 0.04, 0.24, 0.17
HSL	50°, 36%, 73%
HSV	50°, 24%, 83%
XYZ	54.6529, 59.1340, 42.2517
YIQ	200.6040, 18.2500, -11.3660

Conversions

Conversions Part 2

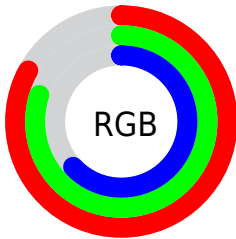
Format	Color
RYB	171, 211, 161
Decimal	13880225
CIELab	81.37, -3.90, 21.99
CIELCh	81, 22.336, 100.055
Yxy	59.1340, 0.3503, 0.3790
Android (android.graphics.Color)	4292070305 (0xFFD3CBA1)
YUV	200.6040, -19.5248, 9.1173
Hunter-Lab	76.8986, -7.7102, 21.2524

Details

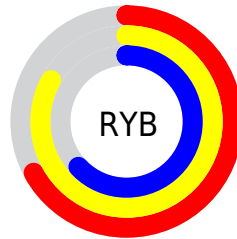
The XYZ color **54.6529, 59.1340, 42.2517** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6435, 40.6550, 67.3332**, and the grayscale version is **55.3826, 58.2668, 63.4525**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **27.2181, 29.6669, 18.7597** is the 20% darker color. If you saturate the color by 10%, you get **52.1595, 56.8776, 33.0023**, and if you desaturate by 10%, it is **57.4808, 61.5560, 53.1631**.

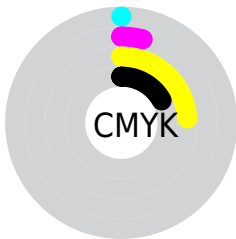
Distribution



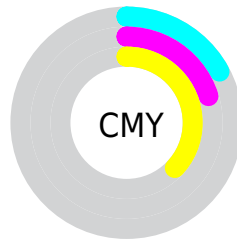
- Red (83%)
- Green (80%)
- Blue (63%)



- Red (67%)
- Yellow (83%)
- Blue (63%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (17%)





- Cyan (17%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6529, 59.1340, 42.2517 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 54.6529, 59.1340, 42.2517 by changing the saturation by 10% instead.


 54.6529, 59.1340,
42.2517


 54.6529, 59.1340,
42.2517


394.7527,
421.3983, 371.3557

 39.3566, 42.7210,
28.9714


 96.1835, 103.5724,
79.8546

 27.2192, 29.6663,
18.8138


 123.1486,
132.3666, 105.0143

 17.8754, 19.5854,
11.3604


154.7339,
166.0566, 134.9709

 10.9597, 12.0940,
6.1925

191.3049,
205.0269, 170.1428

 6.1068, 6.8078,
2.8918

233.2270,
249.6618, 210.9488

 2.9514, 3.3422,
1.0397

280.8654,

 1.1281, 1.3129,

300.3457, 257.8072

0.0000

334.5855,
357.4631, 311.1366

■ 0.0485, 0.1511,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6529, 59.1340,
42.2517

■ 54.6529, 59.1340,
42.2517

■ 52.1595, 56.8776,
33.0023

■ 57.4808, 61.5560,
53.1631

■ 49.9800, 54.7723,
25.3283

■ 60.6533, 64.1418,
65.8099

■ 48.0989, 52.8137,
19.1406

■ 64.1858, 66.8996,
80.2658

■ 46.4971, 50.9941,
14.3399

■ 68.0913, 69.8349,
96.5989

■ 45.1533, 49.3048,
10.8147

■ 70.4744, 72.1897,
104.8273

■ 44.0431, 47.7357,
8.4365

■ 71.3682, 73.9773,
105.1253

■ 43.1367, 46.2749,
7.0494

■ 72.2800, 75.8009,
105.4292

■ 42.6379, 45.3966,
6.5152

■ 73.2099, 77.6606,
105.7392

■ 74.1579, 79.5567,
106.0552

Harmonies

Analogous

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



59.3222, 59.1340, 43.1237



54.6529, 59.1340, 42.2517



50.6258, 59.1340, 46.6504

Triad

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



54.6529, 59.1340, 42.2517



49.6123, 59.1340, 82.3820



65.0697, 59.1340, 73.5578

Complementary

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



54.6529, 59.1340, 42.2517



40.6435, 40.6550, 67.3332

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.



62.1799, 59.1340, 86.1302



54.6529, 59.1340, 42.2517



53.1991, 59.1340, 91.6932

Square

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



54.6529, 59.1340, 42.2517



47.8240, 59.1340, 68.9788



57.7864, 59.1340, 93.1525



65.5122, 59.1340, 60.0034

Rectangle

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



54.6529, 59.1340, 42.2517



48.7823, 59.1340, 52.3911



57.7864, 59.1340, 93.1525



64.3450, 59.1340, 78.0868

Sweetspot

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



54.6544, 59.1367, 42.2529



91.4042, 97.0956, 94.1595



46.8021, 42.2164, 43.3830



19.4997, 20.7302, 19.8958



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.



54.6544, 59.1367, 42.2529



82.0753, 89.1548, 58.0106



52.0615, 60.6755, 42.6866



12.6358, 13.4622, 12.5445



25.7947, 27.5225, 3.9528



1.4864, 1.6272, 0.2357

Inverse Universe

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



40.6435, 40.6550, 67.3332



57.2403, 56.3988, 102.4769



42.7871, 39.6193, 67.0203



11.3142, 11.7186, 14.9093



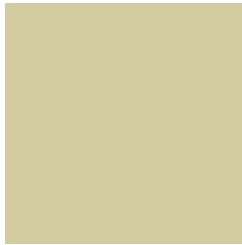
7.4858, 3.6181, 37.4963



0.4676, 0.3003, 2.1129

Previews

White Background



This preview shows how the XYZ color 54.6529, 59.1340, 42.2517 looks on a white background.

Color Contrast Check

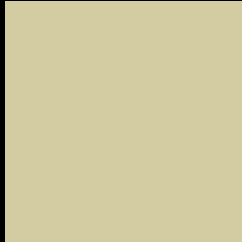
Large Text (above 18pt) WCAG AA × Fail

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 54.6529, 59.1340, 42.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

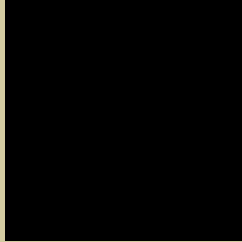
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6529, 59.1340, 42.2517

Background



This preview shows how black text looks on a background with the XYZ color 54.6529, 59.1340, 42.2517.

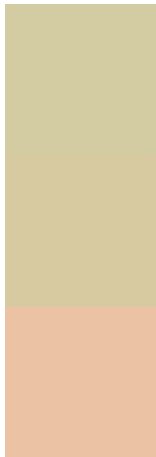


This preview shows how white text looks on a background with the XYZ color 54.6529, 59.1340,

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

54.6529, 59.1340, 42.2517

Protanopia

55.4900, 59.2262, 41.7649

Deuteranopia

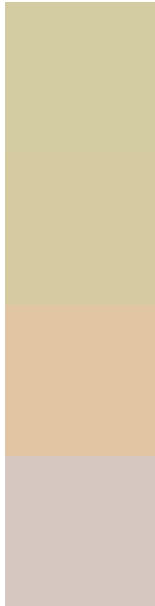
60.1636, 58.8901, 42.8463



Tritanopia

60.2389, 58.9850, 70.4977

Trichromacy



Original Color

54.6529, 59.1340, 42.2517

Protanomaly

55.1972, 59.0753, 41.7512

Deuteranomaly

57.8519, 58.7099, 42.4654

Tritanomaly

58.0734, 59.1442, 58.8072

Monochromacy



Original Color

54.6529, 59.1340, 42.2517

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.1603, 58.7654, 54.8900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6529, 59.1340, 42.2517 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(211, 203, 161)` looks like.

```
.text, #text, p{  
    color:rgb(211, 203, 161)  
}
```

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(211, 203, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 203, 161) }
```

Border

The CSS property to change the border of an element to XYZ 54.6529, 59.1340, 42.2517 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(211, 203, 161) }
```


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

```
.border{ border-color:rgb(211, 203, 161) }
```

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

Here you see how a box with a 4 pixel rgb(211, 203, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 203, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 203, 161);  
box-shadow:4px 4px 4px 4px rgb(211, 203,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6529, 59.1340, 42.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 203, 161) }
```

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

```
.background{ background-color: rgb(211,  
203, 161) }
```

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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