

Converting Colors

XYZ(50.0272, 59.4206, 36.4070)

Have a look what the booklet for
XYZ(50.0272, 59.4206, 36.4070)
contains.

XYZ(50.0513, 59.4062, 36.4323)	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(50.0513, 59.4062,
36.4323)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D293
RGB	192, 210, 147
RGB Percent	75%, 82%, 58%
CMY	0.2471, 0.1765, 0.4235
CMYK	0.09, 0.00, 0.30, 0.18
HSL	77°, 41%, 70%
HSV	77°, 30%, 82%
XYZ	50.0513, 59.4062, 36.4323
YIQ	197.4360, 9.4950, -23.4090

Conversions

Conversions Part 2

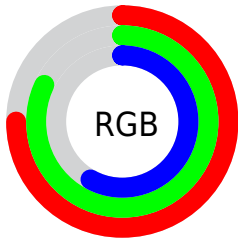
Format	Color
RYB	147, 210, 165
Decimal	12636819
CIELab	81.51, -16.56, 29.28
CIElCh	82, 33.637, 119.484
Yxy	59.4062, 0.3431, 0.4072
Android (android.graphics.Color)	4290826899 (0xFFC0D293)
YUV	197.4360, -24.8649, -4.7674
Hunter-Lab	77.0754, -18.9675, 25.9274

Details

The XYZ color **50.0513, 59.4062, 36.4323** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5859, 33.5215, 65.4653**, and the grayscale version is **53.4776, 56.2626, 61.2699**.

A 20% lighter version of the original color is **85.3695, 95.8768, 69.2650**, and **24.4810, 30.0247, 15.5714** is the 20% darker color. If you saturate the color by 10%, you get **47.0633, 58.0410, 28.4617**, and if you desaturate by 10%, it is **53.4051, 60.9289, 45.9927**.

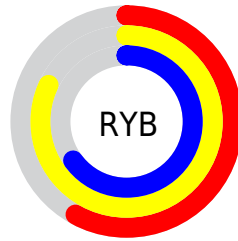
Distribution



Red (75%)

Green (82%)

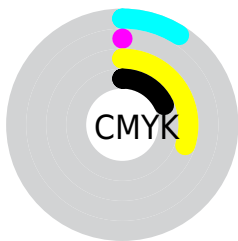
Blue (58%)



Red (58%)

Yellow (82%)

Blue (65%)

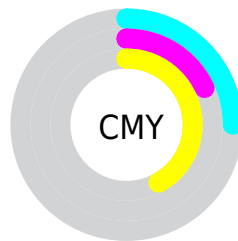


Cyan (9%)

Magenta (0%)

Yellow (30%)

Black (18%)



Cyan (25%)


Magenta (18%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0513, 59.4062, 36.4323 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 50.0513, 59.4062, 36.4323 by changing the saturation by 10% instead.

 50.0513, 59.4062,
36.4323


 50.0513, 59.4062,
36.4323


377.3152,
422.4056, 345.9405

 35.6721, 42.9402,
24.4759


 89.4422, 103.9678,
70.8753

 24.3500, 29.8382,
15.4716


 115.1847,
132.8322, 94.1991

 15.7196, 19.7158,
9.0007


145.4457,
166.5982, 122.1490

 9.4155, 12.1886,
4.6448

180.5905,
205.6501, 155.1437

 5.0725, 6.8723,
1.9854

220.9845,
250.3724, 193.6016

 2.3250, 3.3824,
0.5463

266.9930,

 0.8074, 1.3345,

301.1495, 237.9414

0.0000

318.9815,
358.3658, 288.5815

■ 0.0000, 0.1676,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.0513, 59.4062,
36.4323

■ 50.0513, 59.4062,
36.4323

■ 47.0633, 58.0410,
28.4617

■ 53.4051, 60.9289,
45.9927

■ 44.4196, 56.8186,
21.9908

■ 57.1362, 62.6077,
57.2189

■ 42.1029, 55.7340,
16.9263

■ 61.2607, 64.4513,
70.1866

■ 40.0925, 54.7788,
13.1629

■ 65.7928, 66.4652,
84.9657

■ 38.3648, 53.9436,
10.5806

■ 70.7456, 68.6549,
101.6222

■ 36.8921, 53.2170,
9.0369

■ 73.0954, 69.8110,
104.2301

■ 35.6240, 52.5789,
8.2712

■ 75.0327, 70.8097,
104.3207

■ 77.0368, 71.8428,
104.4145

■ 79.1082, 72.9107,
104.5115

Harmonies

Analogous

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



56.5860, 59.4062, 33.1107



50.0513, 59.4062, 36.4323



45.5723, 59.4062, 46.9047

Triad

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



50.0513, 59.4062, 36.4323



49.8564, 59.4062, 104.2240



71.1327, 59.4062, 65.0336

Complementary

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



50.0513, 59.4062, 36.4323



37.5859, 33.5215, 65.4653

Split Complementary

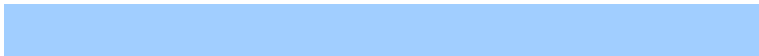
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.9655, 59.4062, 86.4671



50.0513, 59.4062, 36.4323



56.3418, 59.4062, 111.7886

Square

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



50.0513, 59.4062, 36.4323



45.4666, 59.4062, 85.7342



63.4019, 59.4062, 104.7053



69.1051, 59.4062, 47.3953

Rectangle

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



50.0513, 59.4062, 36.4323



44.1569, 59.4062, 57.8532



63.4019, 59.4062, 104.7053



70.8680, 59.4062, 72.0307

Sweetspot

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



50.0528, 59.4088, 36.4336



89.2008, 97.3863, 90.4772



45.2750, 42.6662, 33.4537



18.9005, 20.7585, 18.7740



0.0000, 0.0000, 0.0000



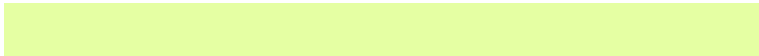
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.0528, 59.4088, 36.4336



74.6274, 90.7911, 48.3355



42.9425, 55.7433, 36.1008



12.4605, 13.6209, 12.5844



21.8323, 32.1239, 5.0499



1.2967, 1.8353, 0.2859

Inverse Universe

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



37.5859, 33.5215, 65.4653



52.2767, 44.3598, 100.4148



44.9247, 37.3048, 65.8088



11.4765, 11.5789, 14.8737



8.3193, 3.4690, 37.4236



0.5437, 0.2344, 2.0962

Previews

White Background



This preview shows how the XYZ color 50.0513, 59.4062, 36.4323 looks on a white background.

Color Contrast Check

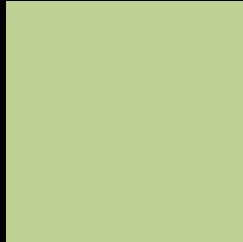
Large Text (above 18pt) WCAG AA × Fail

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 50.0513, 59.4062, 36.4323 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 50.0513, 59.4062, 36.4323

Background



This preview shows how black text looks on a background with the XYZ color 50.0513, 59.4062, 36.4323.



This preview shows how white text looks on a background with the XYZ color 50.0513, 59.4062,

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

50.0513, 59.4062, 36.4323

Protanopia

55.0680, 59.1601, 34.9022

Deuteranopia

60.3934, 59.1363, 37.0855



Tritanopia

57.7682, 59.3396, 74.0546

Trichromacy



Original Color

50.0513, 59.4062, 36.4323

Protanomaly

53.2367, 59.2623, 35.4210

Deuteranomaly

56.2033, 59.0081, 36.8612

Tritanomaly

54.3960, 58.9973, 58.3898

Monochromacy



Original Color

50.0513, 59.4062, 36.4323

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.7629, 57.0978, 50.9406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0513, 59.4062, 36.4323 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(192, 210, 147)` looks like.

```
.text, #text, p{  
    color:rgb(192, 210, 147)  
}
```

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(192, 210, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 210, 147) }
```

Border

The CSS property to change the border of an element to XYZ 50.0513, 59.4062, 36.4323 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(192, 210, 147) }
```


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

```
.border{ border-color:rgb(192, 210, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 210, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 210, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 210, 147);  
box-shadow:4px 4px 4px 4px rgb(192, 210,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0513, 59.4062, 36.4323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 210, 147) }
```

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

```
.background{ background-color: rgb(192,  
210, 147) }
```

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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