

Converting Colors

XYZ(59.4481, 64.4461, 76.5404)

Have a look what the booklet for
XYZ(59.4481, 64.4461, 76.5404)
contains.

XYZ(59.3454, 64.4387, 76.3279)	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(59.3454, 64.4387,
76.3279)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D5DB
RGB	196, 213, 219
RGB Percent	77%, 84%, 86%
CMY	0.2314, 0.1647, 0.1412
CMYK	0.11, 0.03, 0.00, 0.14
HSL	196°, 24%, 81%
HSV	196°, 11%, 86%
XYZ	59.3454, 64.4387, 76.3279
YIQ	208.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

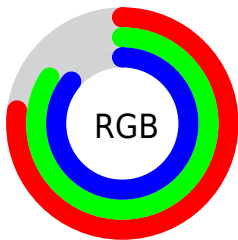
Format	Color
R_{YB}	196, 206, 219
Decimal	12899803
CIE Lab	84.19, -4.52, -4.92
CIE LCh	84, 6.678, 227.437
Yxy	64.4387, 0.2966, 0.3220
Android (android.graphics.Color)	4291089883 (0xFFC4D5DB)
YUV	208.6010, 5.1267, -11.0511
Hunter-Lab	80.2737, -8.5161, -0.1840

Details

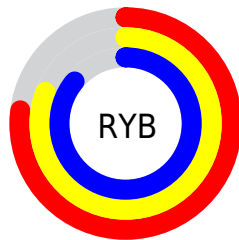
The XYZ color **59.3454, 64.4387, 76.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2982, 61.2865, 60.8772**, and the grayscale version is **60.3193, 63.4606, 69.1086**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **30.0830, 32.8848, 39.8838** is the 20% darker color. If you saturate the color by 10%, you get **52.6489, 58.8933, 75.6115**, and if you desaturate by 10%, it is **66.9278, 70.5193, 77.1029**.

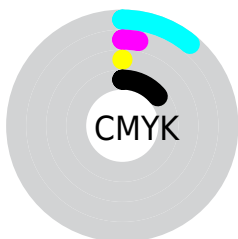
Distribution



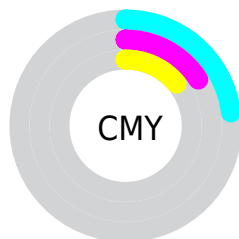
- Red (77%)
- Green (84%)
- Blue (86%)



- Red (77%)
- Yellow (81%)
- Blue (86%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3454, 64.4387, 76.3279 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 59.3454, 64.4387, 76.3279 by changing the saturation by 10% instead.

■ 59.3454, 64.4387,
76.3279

■ 59.3454, 64.4387,
76.3279

412.0542,
440.7722, 501.8461

■ 43.1387, 47.0061,
56.1932

102.9913,
111.2425, 129.9546

■ 30.1889, 33.0405,
39.9528

131.1611,
141.3825, 164.2837

■ 20.1308, 22.1574,
27.1882

164.0493,
176.5270, 204.1813

■ 12.5990, 13.9726,
17.4809

202.0214,
217.0605, 250.0660

■ 7.2281, 8.1016,
10.4124

245.4425,
263.3674, 302.3563

■ 3.6527, 4.1601,
5.5641

294.6781,

■ 1.5076, 1.7635,

315.8320, 361.4707

2.5174

350.0936,
374.8388, 427.8278

■ 0.3310, 0.4643,
0.8494

■ 0.0000, 0.0000,
0.0000

■ 59.3454, 64.4387,
76.3279

■ 59.3454, 64.4387,
76.3279

■ 52.6489, 58.8933,
75.6115

■ 66.9278, 70.5193,
77.1029

■ 46.7961, 53.8556,
74.9476

■ 75.4245, 77.1453,
77.9341

■ 41.7501, 49.3072,
74.3356

■ 82.3609, 83.0435,
78.7070

■ 37.4686, 45.2258,
73.7735

■ 83.9774, 86.2765,
79.2458

■ 33.9053, 41.5865,
73.2588

■ 85.6464, 89.6147,
79.8021

■ 31.0087, 38.3621,
72.7891

■ 87.3685, 93.0589,
80.3762

■ 28.7200, 35.5215,
72.3615

■ 89.1442, 96.6101,
80.9680

■ 26.9693, 33.0276,
71.9724

■ 89.7864, 97.8945,
81.1821

■ 25.6889, 30.9197,
71.6330

Harmonies

Analogous

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



58.5763, 64.4387, 72.6293



59.3454, 64.4387, 76.3279



60.6312, 64.4387, 78.4079

Triad

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



59.3454, 64.4387, 76.3279



64.0621, 64.4387, 71.9475



60.3996, 64.4387, 62.6829

Complementary

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



59.3454, 64.4387, 76.3279



60.2982, 61.2865, 60.8772

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.



61.8671, 64.4387, 62.5169



59.3454, 64.4387, 76.3279



63.9977, 64.4387, 67.7527

Square

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



59.3454, 64.4387, 76.3279



63.3635, 64.4387, 75.8115



63.1889, 64.4387, 64.3389



59.1783, 64.4387, 64.8019

Rectangle

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



59.3454, 64.4387, 76.3279



61.6155, 64.4387, 78.5441



63.1889, 64.4387, 64.3389



60.8800, 64.4387, 62.4000

Sweetspot

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



59.3473, 64.4414, 76.3293



91.6583, 97.3118, 108.5599



58.7287, 66.6524, 65.4931



19.4289, 20.6775, 23.2171



0.0000, 0.0000, 0.0000



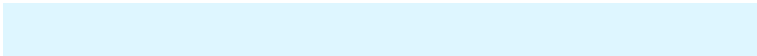
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3473, 64.4414, 76.3293



81.1926, 88.8545, 107.4791



56.6142, 58.9753, 75.4183



13.1426, 14.2250, 16.7051



15.3253, 18.5200, 42.5054



1.0613, 1.3366, 2.7765

Inverse Universe

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



60.9651, 59.3454, 71.1955



84.0108, 80.0986, 98.5087



63.0355, 66.7611, 61.7896



13.4619, 13.2138, 15.6933



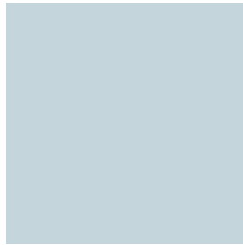
21.2308, 10.4934, 21.3934



1.4100, 0.6936, 1.5678

Previews

White Background



This preview shows how the XYZ color 59.3454, 64.4387, 76.3279 looks on a white background.

Color Contrast Check

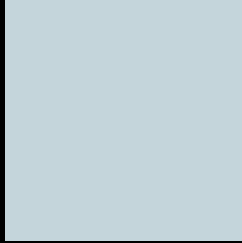
Large Text (above 18pt) WCAG AA × Fail

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 59.3454, 64.4387, 76.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

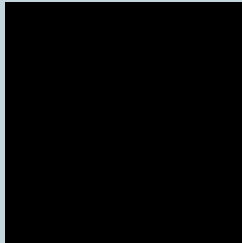
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

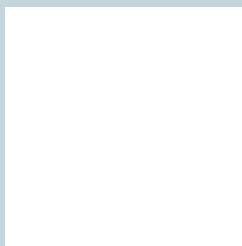
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3454, 64.4387, 76.3279

Background



This preview shows how black text looks on a background with the XYZ color 59.3454, 64.4387, 76.3279.



This preview shows how white text looks on a background with the XYZ color 59.3454, 64.4387,

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

59.3454, 64.4387, 76.3279

Protanopia

62.3465, 64.5558, 74.1403

Deuteranopia

65.6953, 64.4137, 77.3772



Tritanopia

60.8358, 64.6942, 82.6796

Trichromacy



Original Color

59.3454, 64.4387, 76.3279

Protanomaly

61.0246, 64.2248, 74.8259

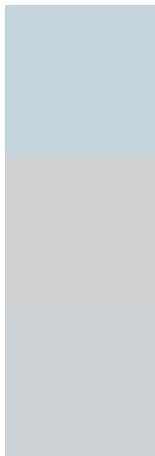
Deuteranomaly

62.9626, 64.0891, 76.7621

Tritanomaly

60.1600, 64.3935, 80.4926

Monochromacy



Original Color

59.3454, 64.4387, 76.3279

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.9587, 63.7347, 72.0926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3454, 64.4387, 76.3279 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(196, 213, 219) looks like.

```
.text, #text, p{  
    color:rgb(196, 213, 219)  
}
```

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(196, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 213, 219) }
```

Border

The CSS property to change the border of an element to XYZ 59.3454, 64.4387, 76.3279 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(196, 213, 219) }
```


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

```
.border{ border-color:rgb(196, 213, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 213, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 213, 219); box-shadow:4px 4px 4px 4px rgb(196, 213, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3454, 64.4387, 76.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 213, 219) }
```

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

```
.background{ background-color: rgb(196,  
213, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor