

Converting Colors

XYZ(59.5953, 66.3524, 64.3099)

Have a look what the booklet for
XYZ(59.5953, 66.3524, 64.3099)
contains.

XYZ(59.5953, 66.3524, 64.3099)	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(59.5953, 66.3524,
64.3099)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD9C8
RGB	202, 217, 200
RGB Percent	79%, 85%, 78%
CMY	0.2078, 0.1490, 0.2157
CMYK	0.07, 0.00, 0.08, 0.15
HSL	113°, 18%, 82%
HSV	113°, 8%, 85%
XYZ	59.5953, 66.3524, 64.3099
YIQ	210.5770, -3.4830, -8.4670

Conversions

Conversions Part 2

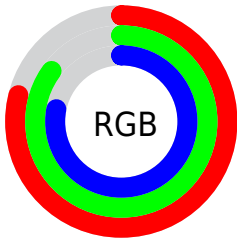
Format	Color
R_{YB}	200, 217, 215
Decimal	13294024
CIE Lab	85.18, -8.15, 6.64
CIE LCh	85, 10.512, 140.847
Yxy	66.3524, 0.3132, 0.3488
Android (android.graphics.Color)	4291484104 (0xFFCAD9C8)
YUV	210.5770, -5.2145, -7.5220
Hunter-Lab	81.4570, -11.9561, 10.2107

Details

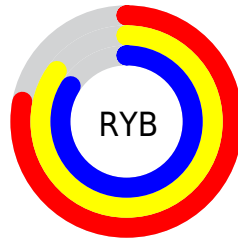
The XYZ color **59.5953, 66.3524, 64.3099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2056, 60.7672, 74.1524**, and the grayscale version is **61.6744, 64.8862, 70.6611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3214, 34.2119, 32.1996** is the 20% darker color. If you saturate the color by 10%, you get **52.3737, 62.9040, 51.6595**, and if you desaturate by 10%, it is **67.8235, 70.2820, 78.8892**.

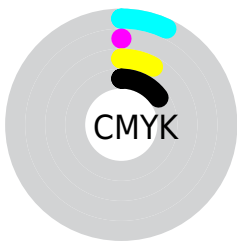
Distribution



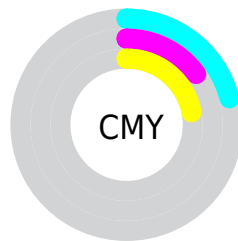
- Red (79%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (21%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5953, 66.3524, 64.3099 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 59.5953, 66.3524, 64.3099 by changing the saturation by 10% instead.

■ 59.5953, 66.3524,
64.3099

■ 59.5953, 66.3524,
64.3099

412.9631,
447.6361, 458.5460

■ 43.3407, 48.5585,
46.4539

103.3521,
113.9920, 112.6609

■ 30.3482, 34.2694,
32.2529

131.5850,
144.6065, 143.9930

■ 20.2524, 23.1006,
21.2883

164.5414,
180.2633, 180.6542

■ 12.6880, 14.6678,
13.1416

202.5866,
221.3468, 223.0631

■ 7.2896, 8.5866,
7.3943

246.0860,
268.2415, 271.6382

■ 3.6918, 4.4725,
3.6277

295.4050,

■ 1.5293, 1.9412,

321.3317, 326.7980

1.4234

350.9090,
381.0017, 388.9611

■ 0.3456, 0.5730,
0.1599

■ 0.0000, 0.0000,
0.0000

■ 59.5953, 66.3524,
64.3099

■ 59.5953, 66.3524,
64.3099

■ 52.3737, 62.9040,
51.6595

■ 67.8235, 70.2820,
78.8892

■ 46.1148, 59.9101,
40.8531

■ 77.0893, 74.7013,
95.4689

■ 40.7792, 57.3542,
31.8060

■ 84.1042, 78.1083,
105.2514

■ 36.3230, 55.2157,
24.4251

■ 32.6987, 53.4723,
18.6086

■ 29.8540, 52.0995,
14.2438

■ 27.7309, 51.0701,
11.2029

■ 26.2627, 50.3530,
9.3357

■ 25.3656, 49.9096,
8.4315

Harmonies

Analogous

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



61.4570, 66.3524, 60.7154



59.5953, 66.3524, 64.3099



58.6700, 66.3524, 70.1887

Triad

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



59.5953, 66.3524, 64.3099



62.3433, 66.3524, 85.9229



67.4245, 66.3524, 67.6976

Complementary

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



59.5953, 66.3524, 64.3099



61.2056, 60.7672, 74.1524

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.



67.6762, 66.3524, 74.3441



59.5953, 66.3524, 64.3099



64.7028, 66.3524, 85.1522

Square

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



59.5953, 66.3524, 64.3099



60.2302, 66.3524, 82.8550



66.6688, 66.3524, 80.8106



65.9894, 66.3524, 62.5845

Rectangle

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



59.5953, 66.3524, 64.3099



58.6923, 66.3524, 74.7322



66.6688, 66.3524, 80.8106



67.6517, 66.3524, 69.8165

Sweetspot

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



59.5971, 66.3552, 64.3114



92.6033, 98.8323, 104.5561



63.2760, 67.3902, 64.3172



19.8466, 21.1664, 22.4248



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.



59.5971, 66.3552, 64.3114



84.5107, 94.9685, 90.2577



59.8033, 66.3756, 68.2029



13.0280, 14.6792, 13.8723



15.3169, 30.1936, 5.0207



1.0407, 1.9810, 0.3275

Inverse Universe

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



61.2056, 60.7672, 74.1524



87.1747, 85.7131, 106.5574



61.0005, 60.7535, 69.9888



13.4558, 13.1931, 16.4895



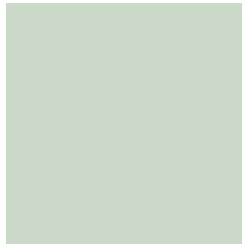
20.7201, 9.8058, 40.5390



1.3859, 0.6577, 2.6284

Previews

White Background



This preview shows how the XYZ color 59.5953, 66.3524, 64.3099 looks on a white background.

Color Contrast Check

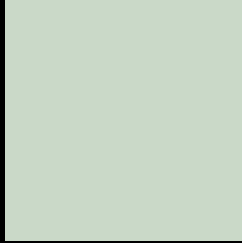
Large Text (above 18pt) WCAG AA × Fail

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 59.5953, 66.3524, 64.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

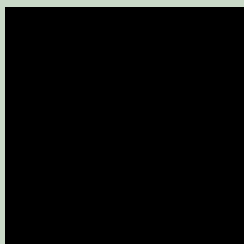
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

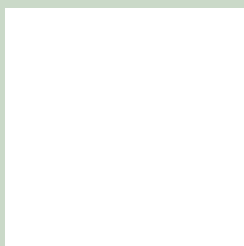
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5953, 66.3524, 64.3099

Background



This preview shows how black text looks on a background with the XYZ color 59.5953, 66.3524, 64.3099.



This preview shows how white text looks on a background with the XYZ color 59.5953, 66.3524,

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

59.5953, 66.3524, 64.3099

Protanopia

63.1367, 66.3338, 62.2994

Deuteranopia

67.4170, 65.9314, 65.0499



Tritanopia

63.6692, 66.5110, 83.6109

Trichromacy



Original Color

59.5953, 66.3524, 64.3099

Protanomaly

61.6802, 66.3165, 62.9755

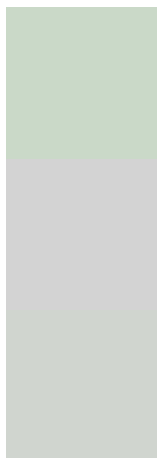
Deuteranomaly

64.0835, 65.6653, 64.5554

Tritanomaly

61.8783, 66.1342, 75.8335

Monochromacy



Original Color

59.5953, 66.3524, 64.3099

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0692, 65.5034, 68.4562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5953, 66.3524, 64.3099 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(202, 217, 200)` looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 200)  
}
```

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(202, 217, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 200) }
```

Border

The CSS property to change the border of an element to XYZ 59.5953, 66.3524, 64.3099 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(202, 217, 200) }
```


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

```
.border{ border-color:rgb(202, 217, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 217, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5953, 66.3524, 64.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 217, 200) }
```

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

```
.background{ background-color: rgb(202,  
217, 200) }
```

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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