

Converting Colors

XYZ(53.8897, 59.1342, 25.8046)

Have a look what the booklet for
XYZ(53.8897, 59.1342, 25.8046)
contains.

XYZ(53.8394, 59.0799, 25.7055)	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(53.8394, 59.0799,
25.7055)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC76
RGB	219, 203, 118
RGB Percent	86%, 80%, 46%
CMY	0.1412, 0.2039, 0.5372
CMYK	0.00, 0.07, 0.46, 0.14
HSL	50°, 58%, 66%
HSV	50°, 46%, 86%
XYZ	53.8394, 59.0799, 25.7055
YIQ	198.0940, 36.8210, -23.0430

Conversions

Conversions Part 2

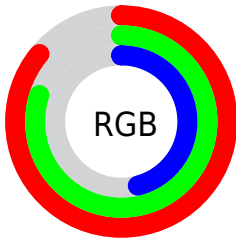
Format	Color
RYB	137, 219, 118
Decimal	14404470
CIELab	81.34, -5.84, 44.21
CIELCh	81, 44.595, 97.531
Yxy	59.0799, 0.3884, 0.4262
Android (android.graphics.Color)	4292594550 (0xFFDBCB76)
YUV	198.0940, -39.4863, 18.3346
Hunter-Lab	76.8635, -9.4798, 33.9760

Details

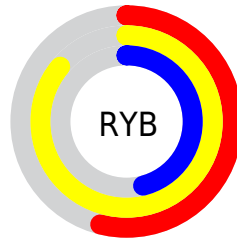
The XYZ color **53.8394, 59.0799, 25.7055** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.7824, 26.0156, 70.5223**, and the grayscale version is **53.9518, 56.7615, 61.8133**.

A 20% lighter version of the original color is **84.4464, 95.7586, 53.0622**, and **26.6609, 29.5815, 9.6148** is the 20% darker color. If you saturate the color by 10%, you get **51.8768, 57.0011, 19.3592**, and if you desaturate by 10%, it is **56.1254, 61.3217, 33.6514**.

Distribution



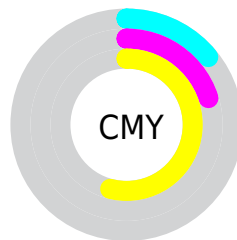
- Red (86%)
- Green (80%)
- Blue (46%)



- Red (54%)
- Yellow (86%)
- Blue (46%)



- Cyan (0%)
- Magenta (7%)
- Yellow (46%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8394, 59.0799, 25.7055 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 53.8394, 59.0799, 25.7055 by changing the saturation by 10% instead.

■ 53.8394, 59.0799,
25.7055

■ 53.8394, 59.0799,
25.7055

391.7057,
421.1979, 294.8927

■ 38.7034, 42.6774,
16.3797

■ 94.9967, 103.4938,
53.7777

■ 26.7088, 29.6321,
9.6360

■ 121.7487,
132.2740, 73.3611

■ 17.4901, 19.5595,
5.0558

■ 153.1035,
165.9489, 97.2009

■ 10.6820, 12.0753,
2.2207

189.4263,
204.9029, 125.7154

■ 5.9191, 6.7950,
0.6863

231.0826,
249.5205, 159.3234

■ 2.8362, 3.3342,
0.0000

278.4377,

■ 1.0677, 1.3086,

300.1859, 198.4432

0.0000

331.8569,
357.2836, 243.4935

0.0000, 0.1478,
0.0000

0.0000, 0.0000,
0.0000

53.8394, 59.0799,
25.7055

53.8394, 59.0799,
25.7055

51.8768, 57.0011,
19.3592

56.1254, 61.3217,
33.6514

50.2118, 55.0683,
14.4972


58.7497, 63.7262,
43.2944


48.8220, 53.2745,
10.9945


61.7315, 66.3034,
54.7283


47.6791, 51.6082,
8.7039


65.0873, 69.0600,
68.0391


 46.7483, 50.0554,
7.4419

 68.8323, 72.0024,
83.3073

 46.4201, 49.4734,
7.1027

 72.9810, 75.1365,
100.6084

 74.8099, 77.3731,
105.5993

 75.7697, 79.2926,
105.9193

 76.7487, 81.2506,
106.2456

Harmonies

Analogous

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



63.2789, 59.0799, 27.6234



53.8394, 59.0799, 25.7055



45.9365, 59.0799, 31.6282

Triad

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



53.8394, 59.0799, 25.7055



43.1170, 59.0799, 100.8985



74.3790, 59.0799, 85.9849

Complementary

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



53.8394, 59.0799, 25.7055



28.7824, 26.0156, 70.5223

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.



67.7835, 59.0799, 114.1676



53.8394, 59.0799, 25.7055



49.5845, 59.0799, 124.3060

Square

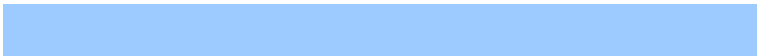
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.8394, 59.0799, 25.7055



40.2069, 59.0799, 71.2859



58.5333, 59.0799, 129.7366



75.8416, 59.0799, 57.8382

Rectangle

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



53.8394, 59.0799, 25.7055



42.3609, 59.0799, 40.5383



58.5333, 59.0799, 129.7366



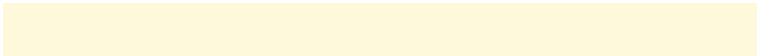
72.6560, 59.0799, 95.9724

Sweetspot

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



53.8408, 59.0826, 25.7067



88.0486, 94.3560, 80.7970



40.0537, 29.7622, 26.4946



18.6356, 20.0197, 16.4700



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.



53.8408, 59.0826, 25.7067



73.3995, 80.6507, 27.8429



48.6900, 62.3270, 26.6044



13.9775, 14.8943, 13.8638



27.5917, 29.4691, 4.2339



1.8357, 2.0054, 0.2903

Inverse Universe

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



28.7824, 26.0156, 70.5223



34.0275, 28.7280, 98.3594



32.1518, 24.7154, 70.0938



12.5044, 12.9485, 16.4924



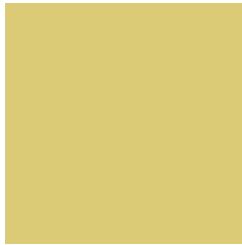
7.9842, 3.8378, 40.0584



0.5701, 0.3543, 2.6128

Previews

White Background



This preview shows how the XYZ color 53.8394, 59.0799, 25.7055 looks on a white background.

Color Contrast Check

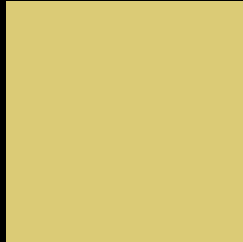
Large Text (above 18pt) WCAG AA × Fail

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 53.8394, 59.0799, 25.7055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

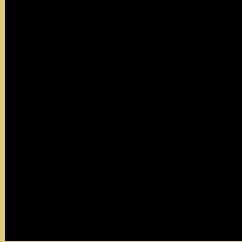
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8394, 59.0799, 25.7055

Background



This preview shows how black text looks on a background with the XYZ color 53.8394, 59.0799, 25.7055.



This preview shows how white text looks on a background with the XYZ color 53.8394, 59.0799,

25.7055.

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

53.8394, 59.0799, 25.7055

Protanopia

54.2093, 58.9212, 25.6553

Deuteranopia

60.1163, 58.9085, 25.9713



Tritanopia

62.1070, 58.6982, 67.0880

Trichromacy



Original Color

53.8394, 59.0799, 25.7055

Protanomaly

53.9057, 58.7647, 25.6411

Deuteranomaly

57.8881, 59.0973, 25.8086

Tritanomaly

58.5291, 58.5826, 48.7802

Monochromacy



Original Color

53.8394, 59.0799, 25.7055

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2693, 57.2949, 45.7876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8394, 59.0799, 25.7055 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(219, 203, 118)` looks like.

```
.text, #text, p{  
    color:rgb(219, 203, 118)  
}
```

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(219, 203, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 203, 118) }
```

Border

The CSS property to change the border of an element to XYZ 53.8394, 59.0799, 25.7055 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(219, 203, 118) }
```


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

```
.border{ border-color:rgb(219, 203, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 203, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 203, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 203, 118);  
box-shadow:4px 4px 4px 4px rgb(219, 203,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8394, 59.0799, 25.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 203, 118) }
```

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

```
.background{ background-color: rgb(219,  
203, 118) }
```

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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