

Converting Colors

XYZ(54.4373, 59.5134, 22.9164)

Have a look what the booklet for
XYZ(54.4373, 59.5134, 22.9164)
contains.

XYZ(54.4941, 59.4826, 22.7965)	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(54.4941, 59.4826,
22.7965)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCB6C
RGB	223, 203, 108
RGB Percent	87%, 80%, 42%
CMY	0.1255, 0.2039, 0.5765
CMYK	0.00, 0.09, 0.52, 0.13
HSL	50°, 64%, 65%
HSV	50°, 52%, 87%
XYZ	54.4941, 59.4826, 22.7965
YIQ	198.1500, 42.4150, -25.3050

Conversions

Conversions Part 2

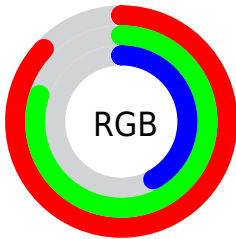
Format	Color
RYB	132, 223, 108
Decimal	14666604
CIELab	81.56, -5.13, 49.44
CIELCh	82, 49.706, 95.919
Yxy	59.4826, 0.3984, 0.4349
Android (android.graphics.Color)	4292856684 (0xFFDFCB6C)
YUV	198.1500, -44.4439, 21.7935
Hunter-Lab	77.1250, -8.8461, 36.4626

Details

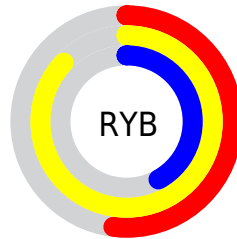
The XYZ color **54.4941, 59.4826, 22.7965** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.2225, 23.9533, 73.0003**, and the grayscale version is **54.0129, 56.8257, 61.8832**.

A 20% lighter version of the original color is **83.4330, 95.3532, 47.7258**, and **27.2119, 29.8973, 8.2074** is the 20% darker color. If you saturate the color by 10%, you get **52.5521, 57.2612, 17.0242**, and if you desaturate by 10%, it is **56.7654, 61.8768, 30.1773**.

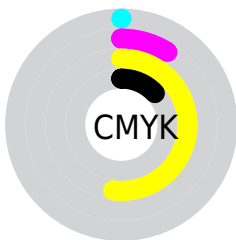
Distribution



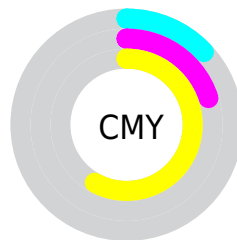
- Red (87%)
- Green (80%)
- Blue (42%)



- Red (52%)
- Yellow (87%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (52%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4941, 59.4826, 22.7965 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 54.4941, 59.4826, 22.7965 by changing the saturation by 10% instead.

■ 54.4941, 59.4826,
22.7965

■ 54.4941, 59.4826,
22.7965

394.1590,
422.6880, 279.7660

■ 39.2291, 43.0017,
14.2394

■ 95.9520, 104.0787,
48.9779

■ 27.1195, 29.8865,
8.1467

■ 122.8756,
132.9628, 67.4393

■ 17.8000, 19.7524,
4.0999

■ 154.4160,
166.7501, 90.0393

■ 10.9053, 12.2152,
1.6803

■ 190.9387,
205.8249, 117.1963

■ 6.0700, 6.8904,
0.3472

232.8090,
250.5717, 149.3290

■ 2.9288, 3.3937,
0.0000

280.3923,

■ 1.1162, 1.3405,

301.3749, 186.8558

0.0000

334.0538,
358.6189, 230.1953

■ 0.0386, 0.1723,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4941, 59.4826,
22.7965

■ 54.4941, 59.4826,
22.7965

■ 52.5521, 57.2612,
17.0242

■ 56.7654, 61.8768,
30.1773

■ 50.9113, 55.1945,
12.7322


■ 59.3830, 64.4441,
39.2743


■ 49.5459, 53.2740,
9.7788


■ 62.3677, 67.1955,
50.1902


■ 48.4232, 51.4865,
7.9930


■ 65.7375, 70.1384,
63.0184


 47.6193, 50.0640,
7.1535

 69.5090, 73.2796,
77.8460

 73.6980, 76.6257,
94.7548

 76.8186, 79.5826,
105.9199

 77.9105, 81.7664,
106.2839

 79.0266, 83.9986,
106.6559

Harmonies

Analogous

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



65.1180, 59.4826, 25.2160



54.4941, 59.4826, 22.7965



45.5716, 59.4826, 28.5066

Triad

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



54.4941, 59.4826, 22.7965



41.8044, 59.4826, 104.6277



76.8871, 59.4826, 91.1339

Complementary

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



54.4941, 59.4826, 22.7965



27.2225, 23.9533, 73.0003

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.



69.1324, 59.4826, 123.2840



54.4941, 59.4826, 22.7965



48.7440, 59.4826, 132.6036

Square

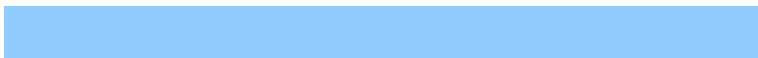
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.4941, 59.4826, 22.7965



38.8471, 59.4826, 70.8697



58.6292, 59.4826, 140.3124



78.9153, 59.4826, 59.0241

Rectangle

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



54.4941, 59.4826, 22.7965



41.5036, 59.4826, 37.6248



58.6292, 59.4826, 140.3124



74.8208, 59.4826, 102.5647

Sweetspot

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



54.4955, 59.4854, 22.7977



87.4069, 93.6069, 78.9364



39.7622, 28.0008, 24.1077



18.5002, 19.8540, 16.1008



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.



54.4955, 59.4854, 22.7977



71.0025, 77.3403, 22.4708



49.4863, 64.3702, 24.0046



14.6584, 15.6028, 14.5458



28.0736, 29.5851, 4.2309



1.9999, 2.1587, 0.3113

Inverse Universe

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



27.2225, 23.9533, 73.0003



30.2254, 24.2685, 97.6990



30.2569, 22.0204, 72.4673



13.1437, 13.6266, 17.3251



8.3109, 4.0913, 41.4000



0.6343, 0.4000, 2.8890

Previews

White Background



This preview shows how the XYZ color 54.4941, 59.4826, 22.7965 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 54.4941, 59.4826, 22.7965 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 54.4941, 59.4826, 22.7965

Background



This preview shows how black text looks on a background with the XYZ color 54.4941, 59.4826, 22.7965.



This preview shows how white text looks on a background with the XYZ color 54.4941, 59.4826,

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

54.4941, 59.4826, 22.7965

Protanopia

54.4941, 59.4826, 22.7965

Deuteranopia

60.5958, 59.2222, 22.9891



Tritanopia

63.7164, 59.5279, 67.1633

Trichromacy



Original Color

54.4941, 59.4826, 22.7965

Protanomaly

54.4941, 59.4826, 22.7965

Deuteranomaly

58.3232, 59.3874, 22.8569

Tritanomaly

59.4037, 59.0781, 46.8004

Monochromacy



Original Color

54.4941, 59.4826, 22.7965

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.1779, 57.2906, 43.8527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4941, 59.4826, 22.7965 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(223, 203, 108)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 108)  
}
```

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(223, 203, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 108) }
```

Border

The CSS property to change the border of an element to XYZ 54.4941, 59.4826, 22.7965 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(223, 203, 108) }
```


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

```
.border{ border-color:rgb(223, 203, 108) }
```

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

Here you see how a box with a 4 pixel rgb(223, 203, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 203, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 203, 108);  
box-shadow:4px 4px 4px 4px rgb(223, 203,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4941, 59.4826, 22.7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 108) }
```

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

```
.background{ background-color: rgb(223,  
203, 108) }
```

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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