

Converting Colors

XYZ(43.4123, 54.1586, 20.7428)

Have a look what the booklet for
XYZ(43.4123, 54.1586, 20.7428)
contains.

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Color

**XYZ(43.5196, 54.2123,
20.7407)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CC66
RGB	183, 204, 102
RGB Percent	72%, 80%, 40%
CMY	0.2824, 0.2000, 0.6000
CMYK	0.10, 0.00, 0.50, 0.20
HSL	72°, 50%, 60%
HSV	72°, 50%, 80%
XYZ	43.5196, 54.2123, 20.7407
YIQ	186.0930, 20.2260, -36.1740

Conversions

Conversions Part 2

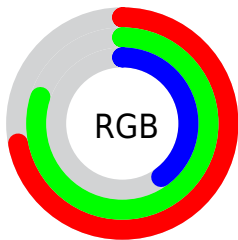
Format	Color
RYB	102, 204, 123
Decimal	12045414
CIELab	78.59, -22.32, 48.00
CIELCh	79, 52.937, 114.936
Yxy	54.2123, 0.3673, 0.4576
Android (android.graphics.Color)	4290235494 (0xFFB7CC66)
YUV	186.0930, -41.4578, -2.7126
Hunter-Lab	73.6290, -23.3455, 34.8388

Details

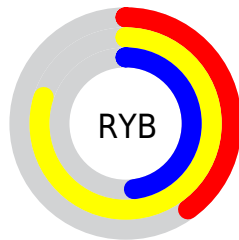
The XYZ color **43.5196, 54.2123, 20.7407** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.8209, 18.0747, 59.3631**, and the grayscale version is **46.9426, 49.3873, 53.7827**.

A 20% lighter version of the original color is **77.9520, 92.5873, 44.7730**, and **20.3842, 26.6322, 7.0838** is the 20% darker color. If you saturate the color by 10%, you get **41.6459, 53.3510, 16.0064**, and if you desaturate by 10%, it is **45.6747, 55.1934, 26.7898**.

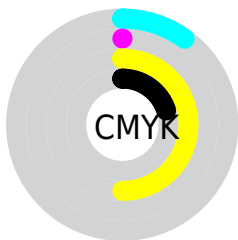
Distribution



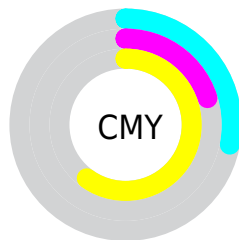
- Red (72%)
- Green (80%)
- Blue (40%)



- Red (40%)
- Yellow (80%)
- Blue (48%)



- Cyan (10%)
- Magenta (0%)
- Yellow (50%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5196, 54.2123, 20.7407 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 43.5196, 54.2123, 20.7407 by changing the saturation by 10% instead.

■ 43.5196, 54.2123,
20.7407

■ 43.5196, 54.2123,
20.7407

351.6297,
402.9191, 268.6329

■ 30.4893, 38.7714,
12.7452

■ 79.7452, 96.3859,
45.5308

■ 20.3602, 26.5820,
7.1247

■ 103.6712,
123.8874, 63.1624

■ 12.7669, 17.2595,
3.4606

■ 131.9599,
156.1779, 84.8432

■ 7.3441, 10.4197,
1.3343

■ 164.9765,
193.6418, 110.9916

■ 3.7265, 5.6781,
0.0897

203.0864,
236.6634, 142.0263

■ 1.5486, 2.6503,
0.0000

246.6550,

■ 0.3585, 0.9520,

285.6273, 178.3657

0.0000

296.0476,
340.9177, 220.4283

■ 0.0000, 0.0000,
0.0000

■ 43.5196, 54.2123,
20.7407

■ 43.5196, 54.2123,
20.7407

■ 41.6459, 53.3510,
16.0064

■ 45.6747, 55.1934,
26.7898

■ 40.0309, 52.5947,
12.4854

■ 48.1242, 56.2939,
34.2382

■ 38.6543, 51.9372,
10.0673


■ 50.8851, 57.5224,
43.1675


■ 37.4909, 51.3682,
8.6198

■ 53.9715, 58.8846,
53.6519


■ 36.4933, 50.8689,
7.8953

■ 57.3970, 60.3861,
65.7607

 36.4933, 50.8689,
7.8953

 61.1741, 62.0318,
79.5591

 65.3148, 63.8265,
95.1086

 68.1430, 65.0998,
103.5817

 69.4047, 65.7503,
103.6408

Harmonies

Analogous

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



53.3192, 54.2123, 18.2877



43.5196, 54.2123, 20.7407



36.7825, 54.2123, 31.7799

Triad

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



43.5196, 54.2123, 20.7407



40.8350, 54.2123, 119.6877



74.2178, 54.2123, 64.2485

Complementary

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



43.5196, 54.2123, 20.7407



23.8209, 18.0747, 59.3631

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.



69.7640, 54.2123, 98.5929



43.5196, 54.2123, 20.7407



49.7758, 54.2123, 136.7973

Square

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



43.5196, 54.2123, 20.7407



35.3855, 54.2123, 86.7318



60.4613, 54.2123, 128.0013



71.9547, 54.2123, 37.9579

Rectangle

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



43.5196, 54.2123, 20.7407



34.4739, 54.2123, 45.3132



60.4613, 54.2123, 128.0013



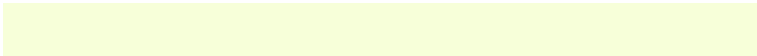
73.4408, 54.2123, 75.2635

Sweetspot

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



43.5209, 54.2147, 20.7418



86.6532, 96.3133, 79.4985



34.3108, 27.8158, 16.1318



18.3169, 20.5132, 16.2377



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.



43.5209, 54.2147, 20.7418



68.7419, 88.2457, 25.9804



33.6029, 49.1018, 20.2777



11.9188, 12.9756, 11.9558



23.0468, 32.0564, 4.9728



1.2475, 1.6839, 0.2593

Inverse Universe

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



23.8209, 18.0747, 59.3631



32.5545, 21.7506, 97.0902



32.9745, 22.7936, 59.7915



10.8140, 10.9534, 14.1146



7.5241, 3.0863, 36.1554



0.4525, 0.1924, 1.8682

Previews

White Background



This preview shows how the XYZ color 43.5196, 54.2123, 20.7407 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 43.5196, 54.2123, 20.7407 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 43.5196, 54.2123, 20.7407

Background



This preview shows how black text looks on a background with the XYZ color 43.5196, 54.2123, 20.7407.



This preview shows how white text looks on a background with the XYZ color 43.5196, 54.2123,

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

43.5196, 54.2123, 20.7407

Protanopia

49.2755, 53.7806, 19.5880

Deuteranopia

54.9279, 53.7640, 21.3924



Tritanopia

52.7405, 53.8554, 67.2899

Trichromacy



Original Color

43.5196, 54.2123, 20.7407

Protanomaly

47.1229, 54.0048, 19.9969

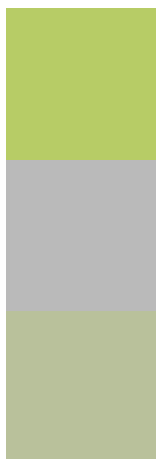
Deuteranomaly

50.0147, 53.4709, 21.0495

Tritanomaly

48.3872, 53.4208, 45.2971

Monochromacy



Original Color

43.5196, 54.2123, 20.7407

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

44.9939, 50.8208, 38.4483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5196, 54.2123, 20.7407 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(183, 204, 102)` looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 102)  
}
```

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(183, 204, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 102) }
```

Border

The CSS property to change the border of an element to XYZ 43.5196, 54.2123, 20.7407 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(183, 204, 102) }
```


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

```
.border{ border-color:rgb(183, 204, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 204, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 102);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5196, 54.2123, 20.7407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 204, 102) }
```

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

```
.background{ background-color: rgb(183,  
204, 102) }
```

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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