

Converting Colors

XYZ(43.7865, 55.5499, 20.9106)

Have a look what the booklet for
XYZ(43.7865, 55.5499, 20.9106)
contains.

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Color

**XYZ(43.7672, 55.4087,
20.9586)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CF66
RGB	181, 207, 102
RGB Percent	71%, 81%, 40%
CMY	0.2902, 0.1882, 0.6000
CMYK	0.13, 0.00, 0.51, 0.19
HSL	75°, 52%, 61%
HSV	75°, 51%, 81%
XYZ	43.7672, 55.4087, 20.9586
YIQ	187.2560, 18.2090, -38.1670

Conversions

Conversions Part 2

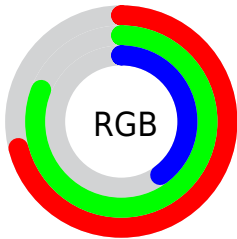
Format	Color
RYB	102, 207, 128
Decimal	11915110
CIELab	79.28, -24.57, 48.79
CIELCh	79, 54.627, 116.725
Yxy	55.4087, 0.3643, 0.4612
Android (android.graphics.Color)	4290105190 (0xFFB5CF66)
YUV	187.2560, -42.0312, -5.4865
Hunter-Lab	74.4370, -25.3110, 35.4121

Details

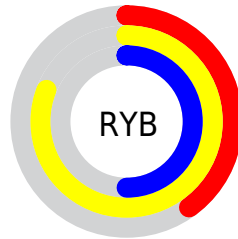
The XYZ color **43.7672, 55.4087, 20.9586** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **24.9181, 18.5984, 61.3112**, and the grayscale version is **47.6027, 50.0818, 54.5390**.

A 20% lighter version of the original color is **76.9363, 92.0637, 44.7254**, and **20.5711, 27.4484, 7.2315** is the 20% darker color. If you saturate the color by 10%, you get **41.6865, 54.4420, 16.1555**, and if you desaturate by 10%, it is **46.1512, 56.5057, 27.1160**.

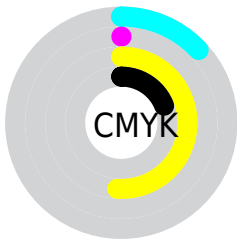
Distribution



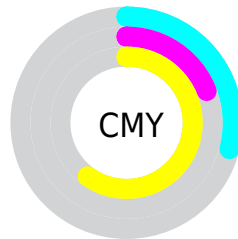
- Red (71%)
- Green (81%)
- Blue (40%)



- Red (40%)
- Yellow (81%)
- Blue (50%)



- Cyan (13%)
- Magenta (0%)
- Yellow (51%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7672, 55.4087, 20.9586 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 43.7672, 55.4087, 20.9586 by changing the saturation by 10% instead.

■ 43.7672, 55.4087,
20.9586

■ 43.7672, 55.4087,
20.9586

352.6257,
407.4593, 269.8322

■ 30.6847, 39.7290,
12.9028

■ 80.1158, 98.1395,
45.8985

■ 20.5095, 27.3273,
7.2317

■ 104.1126,
125.9594, 63.6197

■ 12.8763, 17.8192,
3.5268

■ 132.4783,
158.5949, 85.3998

■ 7.4199, 10.8203,
1.3695

■ 165.5780,
196.4303, 111.6573

■ 3.7747, 5.9461,
0.1178

203.7773,
239.8501, 142.8107

■ 1.5755, 2.8123,
0.0000

247.4414,

■ 0.3763, 1.0346,

289.2386, 179.2787

0.0000

296.9358,
344.9802, 221.4797

■ 0.0000, 0.0000,
0.0000

■ 43.7672, 55.4087,
20.9586

■ 43.7672, 55.4087,
20.9586

■ 41.6865, 54.4420,
16.1555

■ 46.1512, 56.5057,
27.1160

■ 39.8851, 53.5902,
12.6007

■ 48.8523, 57.7327,
34.7162

■ 38.3417, 52.8466,
10.1783

■ 51.8883, 59.0990,
43.8440

■ 37.0293, 52.2003,
8.7492

■ 55.2743, 60.6105,
54.5769

■ 35.9737, 51.6698,
8.0773

■ 59.0245, 62.2730,
66.9871

■ 63.1521, 64.0918,
81.1424

■ 67.6698, 66.0721,
97.1067

■ 70.4924, 67.3798,
103.8980

■ 72.0869, 68.2018,
103.9726

Harmonies

Analogous

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



53.8740, 55.4087, 17.9828



43.7672, 55.4087, 20.9586



36.9754, 55.4087, 32.9667

Triad

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



43.7672, 55.4087, 20.9586



41.9548, 55.4087, 125.9382



76.5558, 55.4087, 63.8345

Complementary

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



43.7672, 55.4087, 20.9586



24.9181, 18.5984, 61.3112

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.



72.2612, 55.4087, 99.7448



43.7672, 55.4087, 20.9586



51.4729, 55.4087, 142.5789

Square

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



43.7672, 55.4087, 20.9586



36.0352, 55.4087, 91.6480



62.6922, 55.4087, 131.6378



73.7538, 55.4087, 37.1093

Rectangle

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



43.7672, 55.4087, 20.9586



34.7436, 55.4087, 47.5386



62.6922, 55.4087, 131.6378



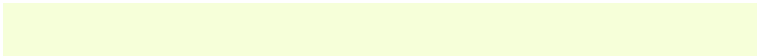
75.8813, 55.4087, 75.2333

Sweetspot

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



43.7685, 55.4112, 20.9598



86.0922, 96.0242, 79.4723



35.6573, 29.2763, 16.3427



18.1809, 20.4431, 16.2313



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.



43.7685, 55.4112, 20.9598



66.4936, 87.1011, 25.2251



33.9189, 50.3335, 20.4988



12.5055, 13.6441, 12.5865



22.7538, 32.5990, 5.0930



1.3420, 1.8587, 0.2880

Inverse Universe

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



24.9181, 18.5984, 61.3112



33.0315, 21.6302, 97.0418



34.6062, 23.5928, 61.7646



11.4341, 11.5571, 14.8718



8.0377, 3.3239, 37.4104



0.5232, 0.2239, 2.0952

Previews

White Background



This preview shows how the XYZ color 43.7672, 55.4087, 20.9586 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 43.7672, 55.4087, 20.9586 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 43.7672, 55.4087, 20.9586

Background



This preview shows how black text looks on a background with the XYZ color 43.7672, 55.4087, 20.9586.



This preview shows how white text looks on a background with the XYZ color 43.7672, 55.4087,

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

43.7672, 55.4087, 20.9586

Protanopia

50.5598, 55.1134, 19.5284

Deuteranopia

56.3593, 55.1274, 21.5801



Tritanopia

53.5211, 55.2027, 69.4623

Trichromacy



Original Color

43.7672, 55.4087, 20.9586

Protanomaly

47.8082, 55.0468, 19.9097

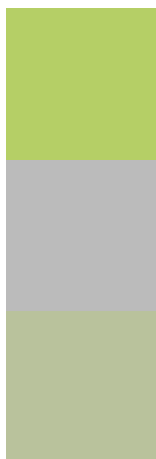
Deuteranomaly

51.0550, 54.6636, 21.2248

Tritanomaly

48.7604, 54.6059, 46.4981

Monochromacy



Original Color

43.7672, 55.4087, 20.9586

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.3001, 51.2982, 38.9665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7672, 55.4087, 20.9586 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(181, 207, 102)` looks like.

```
.text, #text, p{  
    color:rgb(181, 207, 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(181, 207, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 207, 102) }
```

Border

The CSS property to change the border of an element to XYZ 43.7672, 55.4087, 20.9586 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(181, 207, 102) }
```


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

```
.border{ border-color:rgb(181, 207, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 207, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 207, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 207, 102);  
box-shadow:4px 4px 4px 4px rgb(181, 207,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7672, 55.4087, 20.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 207, 102) }
```

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

```
.background{ background-color: rgb(181,  
207, 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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