

Converting Colors

XYZ(40.5404, 51.1771, 9.5752)

Have a look what the booklet for
XYZ(40.5404, 51.1771, 9.5752)
contains.

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Color

**XYZ(40.5404, 51.1771,
9.5752)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C726
RGB	184, 199, 38
RGB Percent	72%, 78%, 15%
CMY	0.2784, 0.2196, 0.8509
CMYK	0.08, 0.00, 0.81, 0.22
HSL	66°, 68%, 46%
HSV	66°, 81%, 78%
XYZ	40.5404, 51.1771, 9.5752
YIQ	176.1610, 42.7410, -53.2510

Conversions

Conversions Part 2

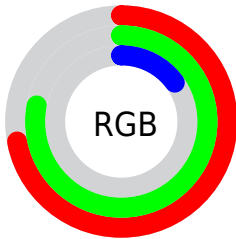
Format	Color
R_YB	38, 199, 53
Decimal	12109606
CIE Lab	76.79, -23.57, 71.04
CIE LCh	77, 74.844, 108.353
Yxy	51.1771, 0.4002, 0.5052
Android (android.graphics.Color)	4290299686 (0xFFB8C726)
YUV	176.1610, -68.1134, 6.8748
Hunter-Lab	71.5382, -24.0366, 42.1409

Details

The XYZ color **40.5404, 51.1771, 9.5752** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **12.4717, 6.2678, 54.5884**, and the grayscale version is **41.6812, 43.8518, 47.7547**.

A 20% lighter version of the original color is **74.9743, 91.4755, 25.5094**, and **18.8778, 24.7628, 3.7847** is the 20% darker color. If you saturate the color by 10%, you get **39.8602, 50.8559, 8.2922**, and if you desaturate by 10%, it is **41.4003, 51.5746, 11.7637**.

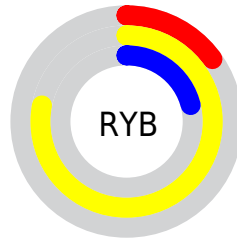
Distribution



Red (72%)

Green (78%)

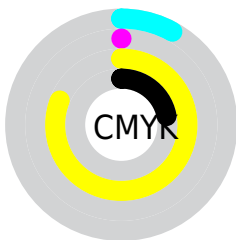
Blue (15%)



Red (15%)

Yellow (78%)

Blue (21%)

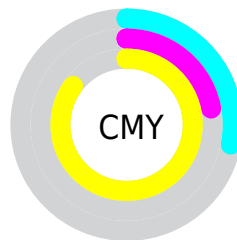


Cyan (8%)

Magenta (0%)

Yellow (81%)

Black (22%)



Cyan (28%)


Magenta (22%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5404, 51.1771, 9.5752 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 40.5404, 51.1771, 9.5752 by changing the saturation by 10% instead.


 40.5404, 51.1771,
9.5752


 40.5404, 51.1771,
9.5752


339.4915,
391.2515, 197.9861


 28.1462, 36.3496,
5.0163


 75.2648, 91.9165,
25.5886

 18.5769, 24.7043,
2.1979


 98.3258, 118.5972,
37.8801


 11.4672, 15.8569,
0.6732


 125.6731,
149.9977, 53.5864

 6.4516, 9.4229,
0.0000

 157.6720,
186.5024, 73.1258

 3.1648, 5.0181,
0.0000

 194.6880,
228.4957, 96.9169

 1.2415, 2.2579,
0.0000

 237.0863,

 0.1388, 0.7513,

276.3621, 125.3783

0.0000

285.2324,
330.4859, 158.9285

■ 0.0000, 0.0000,
0.0000

■ 40.5404, 51.1771,
9.5752

■ 40.5404, 51.1771,
9.5752

■ 39.8602, 50.8559,
8.2922

■ 41.4003, 51.5746,
11.7637

■ 39.3535, 50.6074,
7.6941

■ 42.4603, 52.0510,
14.9808

■ 43.7419, 52.6166,
19.3341

■ 45.2628, 53.2787,
24.9165

■ 47.0388, 54.0435,
31.8116

■ 49.0844, 54.9168,
40.0956

■ 51.4131, 55.9040,
49.8388

■ 54.0372, 57.0101,
61.1069

■ 56.9686, 58.2398,
73.9614

Harmonies

Analogous

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



54.3663, 51.1771, 8.8618



40.5404, 51.1771, 9.5752



30.9566, 51.1771, 18.2339

Triad

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



40.5404, 51.1771, 9.5752



32.6580, 51.1771, 136.9776



80.5901, 51.1771, 73.0505

Complementary

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



40.5404, 51.1771, 9.5752



12.4717, 6.2678, 54.5884

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.



72.0352, 51.1771, 125.5296



40.5404, 51.1771, 9.5752



43.3349, 51.1771, 172.7817

Square

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



40.5404, 51.1771, 9.5752



27.0541, 51.1771, 84.1547



57.7575, 51.1771, 167.7956



79.4381, 51.1771, 34.5469

Rectangle

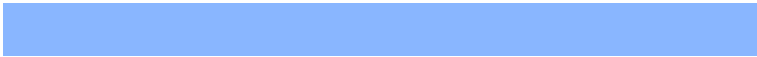
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.5404, 51.1771, 9.5752



27.4188, 51.1771, 31.5653



57.7575, 51.1771, 167.7956



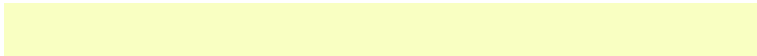
78.6958, 51.1771, 89.8392

Sweetspot

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



40.5416, 51.1795, 9.5763



84.6476, 95.6002, 64.9125



25.1070, 14.6877, 3.3461



17.8420, 20.3445, 12.7769



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.



40.5416, 51.1795, 9.5763



69.0629, 88.6835, 13.6973



26.6109, 43.9979, 8.9243



11.4227, 12.3648, 11.3474



25.3435, 32.5603, 4.9490



1.2291, 1.5567, 0.2357

Inverse Universe

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



12.4717, 6.2678, 54.5884



18.6892, 7.6728, 95.1037



20.5065, 10.4098, 54.9644



10.1468, 10.3340, 13.3773



6.8293, 2.7549, 34.9162



0.3555, 0.1470, 1.6548

Previews

White Background



This preview shows how the XYZ color 40.5404, 51.1771, 9.5752 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 40.5404, 51.1771, 9.5752 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 40.5404, 51.1771, 9.5752

Background



This preview shows how black text looks on a background with the XYZ color 40.5404, 51.1771, 9.5752.



This preview shows how white text looks on a background with the XYZ color 40.5404, 51.1771,

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

40.5404, 51.1771, 9.5752

Protanopia

46.1725, 51.1004, 9.0989

Deuteranopia

52.1355, 51.0414, 10.0099



Tritanopia

51.0630, 50.8738, 61.7719

Trichromacy



Original Color

40.5404, 51.1771, 9.5752

Protanomaly

43.7610, 50.8301, 9.2550

Deuteranomaly

47.1574, 50.6355, 9.7708

Tritanomaly

45.2135, 50.0875, 32.4841

Monochromacy



Original Color

40.5404, 51.1771, 9.5752

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

39.4968, 45.3710, 26.4144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5404, 51.1771, 9.5752 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(184, 199, 38)` looks like.

```
.text, #text, p{  
    color:rgb(184, 199, 38)  
}
```

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(184, 199, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 199, 38) }
```

Border

The CSS property to change the border of an element to XYZ 40.5404, 51.1771, 9.5752 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(184, 199, 38) }
```


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

```
.border{ border-color:rgb(184, 199, 38) }
```

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

Here you see how a box with a 4 pixel rgb(184, 199, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 199, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 199, 38);  
box-shadow:4px 4px 4px 4px rgb(184, 199,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5404, 51.1771, 9.5752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 199, 38) }
```

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

```
.background{ background-color: rgb(184,  
199, 38) }
```

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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