

Converting Colors

XYZ(5.0799, 8.3717, 1.7659)

Have a look what the booklet for
XYZ(5.0799, 8.3717, 1.7659)
contains.

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Color

XYZ(5.1203, 8.4412, 1.7749)

Conversions

Conversions Part 1

Format	Color
Hex	2E5D0E
RGB	46, 93, 14
RGB Percent	18%, 36%, 5%
CMY	0.8196, 0.6353, 0.9451
CMYK	0.51, 0.00, 0.85, 0.64
HSL	96°, 74%, 21%
HSV	96°, 85%, 36%
XYZ	5.1203, 8.4412, 1.7749
YIQ	69.9410, -2.6530, -34.5330

Conversions

Conversions Part 2

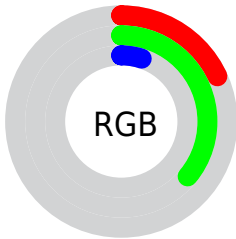
Format	Color
RYB	14, 93, 61
Decimal	3038478
CIELab	34.89, -30.50, 37.02
CIELCh	35, 47.965, 129.478
Yxy	8.4412, 0.3339, 0.5504
Android (android.graphics.Color)	4281228558 (0xFF2E5D0E)
YUV	69.9410, -27.5789, -20.9963
Hunter-Lab	29.0537, -19.3860, 16.7156

Details

The XYZ color **5.1203, 8.4412, 1.7749** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4.0577, 2.0968, 10.5472**, and the grayscale version is **5.8566, 6.1616, 6.7100**.

A 20% lighter version of the original color is **15.8284, 22.8581, 8.4283**, and **0.9770, 1.9540, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **4.8336, 8.2998, 1.4823**, and if you desaturate by 10%, it is **5.4645, 8.6098, 2.2005**.

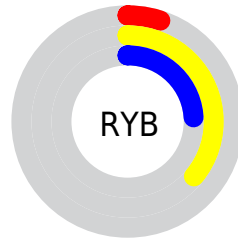
Distribution



Red (18%)

Green (36%)

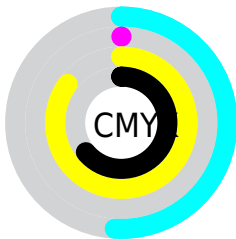
Blue (5%)



Red (5%)

Yellow (36%)

Blue (24%)

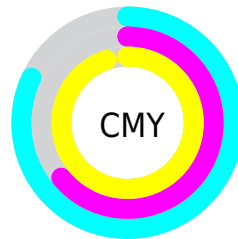


Cyan (51%)

Magenta (0%)

Yellow (85%)

Black (64%)



Cyan (82%)

Magenta (64%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 5.1203, 8.4412, 1.7749 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 5.1203, 8.4412, 1.7749 by changing the saturation by 10% instead.

■ 5.1203, 8.4412,
1.7749

■ 5.1203, 8.4412,
1.7749

145.8928,
179.1528, 118.7773

■ 2.3535, 4.3785,
0.4113

■ 15.8212, 22.8189,
8.4157

■ 0.8218, 1.8875,
0.0000

■ 24.4859, 33.9028,
14.6290

■ 0.0000, 0.5408,
0.0000

■ 35.8474, 48.0959,
23.3290

■ 0.0000, 0.0000,
0.0000

■ 50.2709, 65.7825,
34.9341

■ 68.1219, 87.3471,
49.8630

■ 89.7656, 113.1741,

68.5341

■ 115.5675,
143.6478, 91.3660

■ 5.1203, 8.4412,
1.7749

■ 5.1203, 8.4412,
1.7749

■ 4.8336, 8.2998,
1.4823

■ 5.4645, 8.6098,
2.2005

■ 4.7017, 8.2348,
1.3417

■ 5.8746, 8.8084,
2.8005

■ 6.3551, 9.0391,
3.5912

■ 6.9098, 9.3036,
4.5872

■ 7.5419, 9.6033,
5.8013

■ 8.2549, 9.9396,
7.2455

■ 9.0517, 10.3139,
8.9308

■ 9.9352, 10.7274,
10.8676

■ 10.9080, 11.1812,
13.0656

Harmonies

Analogous

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



7.1872, 8.4412, 0.8975



5.1203, 8.4412, 1.7749



4.0342, 8.4412, 4.8546

Triad

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



5.1203, 8.4412, 1.7749



6.3157, 8.4412, 31.7714



14.4152, 8.4412, 6.9254

Complementary

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



5.1203, 8.4412, 1.7749



4.0577, 2.0968, 10.5472

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.



14.0312, 8.4412, 15.5531



5.1203, 8.4412, 1.7749



8.9215, 8.4412, 33.5190

Square

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



5.1203, 8.4412, 1.7749



4.6075, 8.4412, 22.4927



11.8565, 8.4412, 26.4273



12.8103, 8.4412, 2.5522

Rectangle

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



5.1203, 8.4412, 1.7749



3.8268, 8.4412, 9.0545



11.8565, 8.4412, 26.4273



14.5214, 8.4412, 9.3289

Sweetspot

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



5.1205, 8.4416, 1.7751



14.0212, 16.9593, 12.1822



6.2140, 5.5997, 1.1689



3.4416, 4.2173, 2.9028



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5.1205, 8.4416, 1.7751



7.9431, 14.0385, 2.2911



4.2272, 7.9750, 2.0061



2.3821, 2.6257, 2.5076



6.5947, 11.6211, 1.8955



35.1570, 63.1449, 10.3352

Inverse Universe

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



4.0577, 2.0968, 10.5472



6.0022, 2.7037, 17.9271



6.3681, 3.3201, 9.1980



2.3353, 2.3403, 2.9031



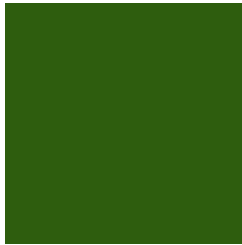
4.9913, 2.2502, 14.8234



26.3091, 11.7945, 81.1256

Previews

White Background



This preview shows how the XYZ color 5.1203, 8.4412, 1.7749 looks on a white background.

Color Contrast Check

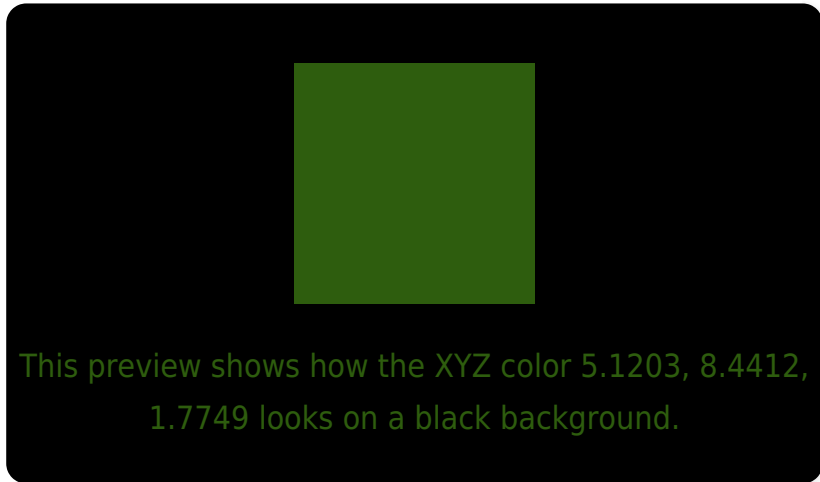
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

XYZ 5.1203, 8.4412, 1.7749

Background



This preview shows how black text looks on a background with the XYZ color 5.1203, 8.4412, 1.7749.



This preview shows how white text looks on a background with the XYZ color 5.1203, 8.4412, 1.7749.

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

5.1203, 8.4412, 1.7749

Protanopia

7.4913, 8.3341, 1.5304

Deuteranopia

8.4726, 8.3942, 1.9843



Tritanopia

7.1289, 8.5062, 11.6221

Trichromacy



Original Color

5.1203, 8.4412, 1.7749

Protanomaly

6.2958, 8.1780, 1.5945

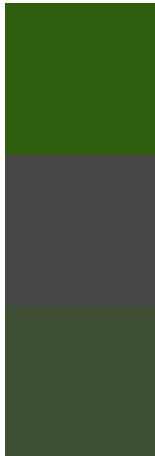
Deuteranomaly

6.6992, 8.0309, 1.8588

Tritanomaly

6.0191, 8.2992, 6.1352

Monochromacy



Original Color

5.1203, 8.4412, 1.7749

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

5.2246, 6.6712, 4.0299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 5.1203, 8.4412, 1.7749 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(46, 93, 14)` looks like.

```
.text, #text, p{  
    color:rgb(46, 93, 14)  
}
```

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(46, 93, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 93, 14) }
```

Border

The CSS property to change the border of an element to XYZ 5.1203, 8.4412, 1.7749 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(46, 93, 14) }
```

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

```
.border{ border-color:rgb(46, 93, 14) }
```

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

Here you see how a box with a 4 pixel rgb(46, 93, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 93, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 93, 14);  
box-shadow:4px 4px 4px 4px rgb(46, 93, 14)  
}
```


Background

The CSS property to change the background color of an element to XYZ 5.1203, 8.4412, 1.7749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 93, 14) }
```

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

```
.background{ background-color: rgb(46, 93,  
14) }
```

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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