

Converting Colors

XYZ(17.0545, 24.0399, 4.2315)

Have a look what the booklet for
XYZ(17.0545, 24.0399, 4.2315)
contains.

XYZ(17.0545, 24.0399, 4.2315)	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(17.0545, 24.0399,
4.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	709210
RGB	112, 146, 16
RGB Percent	44%, 57%, 6%
CMY	0.5608, 0.4274, 0.9372
CMYK	0.23, 0.00, 0.89, 0.43
HSL	76°, 80%, 32%
HSV	76°, 89%, 57%
XYZ	17.0545, 24.0399, 4.2315
YIQ	121.0140, 21.4660, -47.6380

Conversions

Conversions Part 2

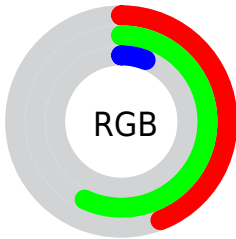
Format	Color
RYB	16, 146, 50
Decimal	7377424
CIELab	56.13, -28.88, 56.61
CIELCh	56, 63.555, 117.029
Yxy	24.0399, 0.3763, 0.5304
Android (android.graphics.Color)	4285567504 (0xFF709210)
YUV	121.0140, -51.7719, -7.9053
Hunter-Lab	49.0305, -23.7149, 29.2044

Details

The XYZ color **17.0545, 24.0399, 4.2315** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.6900, 3.1247, 27.4460**, and the grayscale version is **18.3366, 19.2915, 21.0084**.

A 20% lighter version of the original color is **37.8951, 50.0458, 14.5000**, and **5.8958, 9.1142, 1.4485** is the 20% darker color. If you saturate the color by 10%, you get **16.4935, 23.7614, 3.7575**, and if you desaturate by 10%, it is **17.7000, 24.3563, 5.0378**.

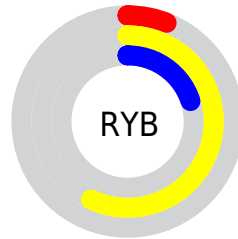
Distribution



Red (44%)

Green (57%)

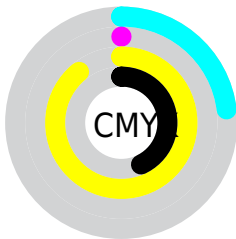
Blue (6%)



Red (6%)

Yellow (57%)

Blue (20%)

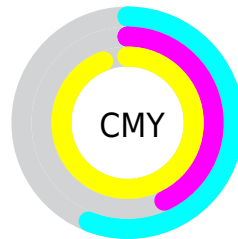


Cyan (23%)

Magenta (0%)

Yellow (89%)

Black (43%)



Cyan (56%)

Magenta (43%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0545, 24.0399, 4.2315 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 17.0545, 24.0399, 4.2315 by changing the saturation by 10% instead.

■ 17.0545, 24.0399,
4.2315

■ 17.0545, 24.0399,
4.2315

228.6364,
273.0221, 150.7647

■ 10.3689, 15.3632,
1.7532

■ 37.9623, 50.0953,
14.5402

■ 5.7084, 9.0747,
0.3968

■ 52.9152, 68.2428,
23.2077

■ 2.7075, 4.7899,
0.0000

■ 71.3546, 90.3161,
34.7754

■ 1.0011, 2.1245,
0.0000

■ 93.6459, 116.6994,
49.6617

■ 0.0000, 0.6784,
0.0000

■ 120.1543,
147.7773, 68.2853

■ 0.0000, 0.0000,
0.0000

■ 151.2453,

183.9342, 91.0646

187.2842,
225.5543, 118.4183

17.0545, 24.0399,
4.2315

17.0545, 24.0399,
4.2315

16.4935, 23.7614,
3.7575

17.7000, 24.3563,
5.0378

16.4409, 23.7352,
3.7148

18.4527, 24.7171,
6.3021

19.3239, 25.1278,
8.0802

20.3229, 25.5920,
10.4198

21.4578, 26.1132,
13.3628

■ 22.7362, 26.6942,
16.9473

■ 24.1650, 27.3379,
21.2083

■ 25.7504, 28.0468,
26.1783

■ 27.4984, 28.8234,
31.8874

Harmonies

Analogous

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



23.5833, 24.0399, 3.0724



17.0545, 24.0399, 4.2315



12.9941, 24.0399, 9.8462

Triad

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



17.0545, 24.0399, 4.2315



16.0401, 24.0399, 76.3422



39.8946, 24.0399, 28.3113

Complementary

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



17.0545, 24.0399, 4.2315



6.6900, 3.1247, 27.4460

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.



36.7367, 24.0399, 54.6537



17.0545, 24.0399, 4.2315



22.1305, 24.0399, 90.1881

Square

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



17.0545, 24.0399, 4.2315



12.5019, 24.0399, 48.9762



29.8271, 24.0399, 80.6681



37.7426, 24.0399, 11.8457

Rectangle

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



17.0545, 24.0399, 4.2315



11.7335, 24.0399, 18.1610



29.8271, 24.0399, 80.6681



39.4054, 24.0399, 36.2564

Sweetspot

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



17.0551, 24.0410, 4.2320



40.4656, 47.2512, 30.9380



13.0261, 8.3044, 1.4069



8.8434, 10.4397, 6.4231



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.0551, 24.0410, 4.2320



28.8375, 41.7846, 6.5453



11.6160, 21.2370, 3.9775



6.1189, 6.6691, 6.2052



14.4889, 20.8972, 3.2699



0.2050, 0.2700, 0.0413

Inverse Universe

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



6.6900, 3.1247, 27.4460



10.4368, 4.3230, 48.2579



12.2491, 5.9905, 27.7062



5.6333, 5.7020, 7.2734



5.2940, 2.2017, 24.0770



0.0893, 0.0396, 0.2958

Previews

White Background



This preview shows how the XYZ color 17.0545, 24.0399, 4.2315 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0545, 24.0399, 4.2315 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 × Fail

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

XYZ 17.0545, 24.0399, 4.2315

Background



This preview shows how black text looks on a background with the XYZ color 17.0545, 24.0399, 4.2315.



This preview shows how white text looks on a background with the XYZ color 17.0545, 24.0399,

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

17.0545, 24.0399, 4.2315

Protanopia

21.4869, 23.9314, 3.8034

Deuteranopia

24.1859, 23.7075, 4.5296



Tritanopia

22.5281, 24.0749, 31.0633

Trichromacy



Original Color

17.0545, 24.0399, 4.2315

Protanomaly

19.6218, 23.8127, 3.9429

Deuteranomaly

20.9133, 23.4163, 4.3372

Tritanomaly

19.3759, 23.6501, 15.3481

Monochromacy



Original Color

17.0545, 24.0399, 4.2315

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.0152, 20.4413, 11.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0545, 24.0399, 4.2315 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(112, 146, 16)` looks like.

```
.text, #text, p{  
    color:rgb(112, 146, 16)  
}
```

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(112, 146, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 146, 16) }
```

Border

The CSS property to change the border of an element to XYZ 17.0545, 24.0399, 4.2315 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(112, 146, 16) }
```


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

```
.border{ border-color:rgb(112, 146, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 146, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 146, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 146, 16);  
box-shadow:4px 4px 4px 4px rgb(112, 146,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0545, 24.0399, 4.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 146, 16) }
```

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

```
.background{ background-color: rgb(112,  
146, 16) }
```

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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