

Converting Colors

XYZ(24.3503, 32.6470, 5.5301)

Have a look what the booklet for
XYZ(24.3503, 32.6470, 5.5301)
contains.

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Color

**XYZ(24.2038, 32.4397,
5.5161)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA511
RGB	139, 165, 17
RGB Percent	55%, 65%, 7%
CMY	0.4549, 0.3529, 0.9333
CMYK	0.16, 0.00, 0.90, 0.35
HSL	71°, 81%, 36%
HSV	71°, 90%, 65%
XYZ	24.2038, 32.4397, 5.5161
YIQ	140.3540, 32.0120, -51.5400

Conversions

Conversions Part 2

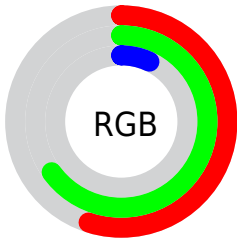
Format	Color
RYB	17, 165, 43
Decimal	9151761
CIELab	63.70, -26.63, 63.42
CIELCh	64, 68.783, 112.780
Yxy	32.4397, 0.3894, 0.5219
Android (android.graphics.Color)	4287341841 (0xFF8BA511)
YUV	140.3540, -60.8135, -1.1875
Hunter-Lab	56.9559, -23.8179, 34.1269

Details

The XYZ color **24.2038, 32.4397, 5.5161** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **7.9894, 3.6319, 35.8792**, and the grayscale version is **25.2871, 26.6040, 28.9717**.

A 20% lighter version of the original color is **49.8434, 63.5162, 17.4174**, and **9.5613, 13.6951, 2.1395** is the 20% darker color. If you saturate the color by 10%, you get **23.6283, 32.1555, 4.9759**, and if you desaturate by 10%, it is **24.8756, 32.7663, 6.4900**.

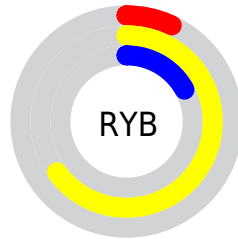
Distribution



Red (55%)

Green (65%)

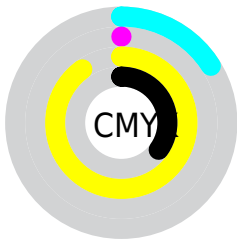
Blue (7%)



Red (7%)

Yellow (65%)

Blue (17%)

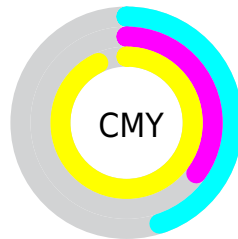


Cyan (16%)

Magenta (0%)

Yellow (90%)

Black (35%)



Cyan (45%)


Magenta (35%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2038, 32.4397, 5.5161 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 24.2038, 32.4397, 5.5161 by changing the saturation by 10% instead.


 24.2038, 32.4397,
5.5161


 24.2038, 32.4397,
5.5161

266.2706,
313.1174, 163.8244


 15.6104, 21.6976,
2.4892


 49.8148, 63.4998,
17.3779


 9.3380, 13.6348,
0.8344


 67.5632, 84.5865,
27.0499

 5.0212, 7.8671,
0.0000


 89.0939, 109.8902,
39.7739

 2.2946, 4.0100,
0.0000

 114.7724,
139.7953, 55.9686

 0.7919, 1.6792,
0.0000

 144.9639,
174.6862, 76.0525

 0.0000, 0.4101,
0.0000

 180.0339,

 0.0000, 0.0000,

214.9472, 100.4440

0.0000

220.3477,
260.9628, 129.5618

■ 24.2038, 32.4397,
5.5161

■ 24.2038, 32.4397,
5.5161

■ 23.6283, 32.1555,
4.9759

■ 24.8756, 32.7663,
6.4900

■ 23.6110, 32.1469,
4.9605

■ 25.6734, 33.1435,
8.0630

■ 26.6125, 33.5789,
10.3124

■ 27.7055, 34.0772,
13.3033

■ 28.9633, 34.6431,
17.0934

■ 30.3960, 35.2804,
21.7345

■ 32.0125, 35.9929,
27.2743

■ 33.8215, 36.7838,
33.7567

■ 35.8308, 37.6564,
41.2228

Harmonies

Analogous

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



33.2194, 32.4397, 4.5069



24.2038, 32.4397, 5.5161



18.3119, 32.4397, 11.9727

Triad

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



24.2038, 32.4397, 5.5161



20.9330, 32.4397, 96.6274



53.0963, 32.4397, 42.4148

Complementary

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



24.2038, 32.4397, 5.5161



7.9894, 3.6319, 35.8792

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.



48.0565, 32.4397, 78.0953



24.2038, 32.4397, 5.5161



28.5637, 32.4397, 118.3910

Square

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



24.2038, 32.4397, 5.5161



16.7162, 32.4397, 60.0948



38.5739, 32.4397, 110.2603



51.2535, 32.4397, 18.5079

Rectangle

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



24.2038, 32.4397, 5.5161



16.3109, 32.4397, 21.8318



38.5739, 32.4397, 110.2603



52.1206, 32.4397, 53.4638

Sweetspot

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



24.2045, 32.4412, 5.5168



55.0412, 63.4499, 40.9613



16.4356, 9.6733, 1.5316



11.8406, 13.7862, 8.3104



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.2045, 32.4412, 5.5168



42.1292, 57.4903, 8.8763



15.8269, 28.1224, 5.1247



7.5268, 8.1740, 7.5611



17.8984, 24.3375, 3.7543



0.4063, 0.5269, 0.0803

Inverse Universe

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



7.9894, 3.6319, 35.8792



12.9492, 5.2705, 64.0871



14.1515, 6.8086, 36.1676



6.8112, 6.9170, 8.8792



5.5522, 2.2687, 27.0751



0.1472, 0.0634, 0.5703

Previews

White Background



This preview shows how the XYZ color 24.2038, 32.4397, 5.5161 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 24.2038, 32.4397, 5.5161 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 24.2038, 32.4397, 5.5161

Background



This preview shows how black text looks on a background with the XYZ color 24.2038, 32.4397, 5.5161.



This preview shows how white text looks on a background with the XYZ color 24.2038, 32.4397,

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

24.2038, 32.4397, 5.5161

Protanopia

29.0775, 32.1364, 5.0182

Deuteranopia

32.8015, 32.1369, 5.9131



Tritanopia

31.2231, 32.2110, 40.6481

Trichromacy



Original Color

24.2038, 32.4397, 5.5161

Protanomaly

27.0041, 32.0625, 5.1809

Deuteranomaly

29.0446, 31.8603, 5.6557

Tritanomaly

27.0142, 31.4868, 19.9830

Monochromacy



Original Color

24.2038, 32.4397, 5.5161

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.6282, 27.8966, 14.9657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2038, 32.4397, 5.5161 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(139, 165, 17)` looks like.

```
.text, #text, p{  
    color:rgb(139, 165, 17)  
}
```

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(139, 165, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 165, 17) }
```

Border

The CSS property to change the border of an element to XYZ 24.2038, 32.4397, 5.5161 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(139, 165, 17) }
```


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

```
.border{ border-color:rgb(139, 165, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 165, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 165, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 165, 17);  
box-shadow:4px 4px 4px 4px rgb(139, 165,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2038, 32.4397, 5.5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 165, 17) }
```

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

```
.background{ background-color: rgb(139,  
165, 17) }
```

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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