

Converting Colors

XYZ(24.4256, 34.4201, 8.6052)

Have a look what the booklet for
XYZ(24.4256, 34.4201, 8.6052)
contains.

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Color

**XYZ(24.4256, 34.4201,
8.6052)**

Conversions

Conversions Part 1

Format	Color
Hex	81AC34
RGB	129, 172, 52
RGB Percent	51%, 67%, 20%
CMY	0.4941, 0.3255, 0.7961
CMYK	0.25, 0.00, 0.70, 0.33
HSL	82°, 54%, 44%
HSV	82°, 70%, 67%
XYZ	24.4256, 34.4201, 8.6052
YIQ	145.4630, 12.8920, -46.4360

Conversions

Conversions Part 2

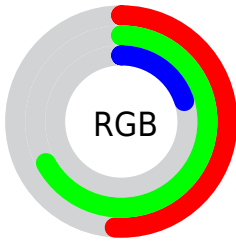
Format	Color
RYB	52, 172, 95
Decimal	8498228
CIELab	65.29, -32.52, 54.33
CIElCh	65, 63.324, 120.902
Yxy	34.4201, 0.3621, 0.5103
Android (android.graphics.Color)	4286688308 (0xFF81AC34)
YUV	145.4630, -46.0773, -14.4381
Hunter-Lab	58.6686, -28.3550, 32.3717

Details

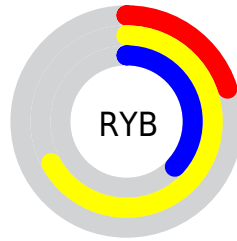
The XYZ color **24.4256, 34.4201, 8.6052** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **13.3952, 7.8684, 39.8445**, and the grayscale version is **27.2814, 28.7021, 31.2566**.

A 20% lighter version of the original color is **50.3008, 66.8210, 23.6112**, and **9.4985, 14.6895, 2.3347** is the 20% darker color. If you saturate the color by 10%, you get **23.1986, 33.8256, 6.8812**, and if you desaturate by 10%, it is **25.8519, 35.1033, 11.0766**.

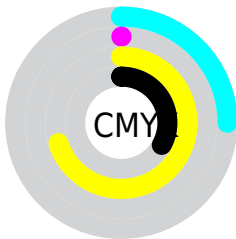
Distribution



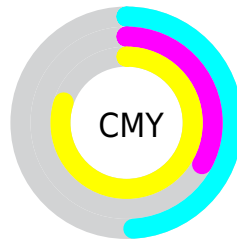
- Red (51%)
- Green (67%)
- Blue (20%)



- Red (20%)
- Yellow (67%)
- Blue (37%)



- Cyan (25%)
- Magenta (0%)
- Yellow (70%)
- Black (33%)



- Cyan (49%)
- Magenta (33%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4256, 34.4201, 8.6052 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 24.4256, 34.4201, 8.6052 by changing the saturation by 10% instead.

■ 24.4256, 34.4201,
8.6052

■ 24.4256, 34.4201,
8.6052

267.3659,
322.0012, 190.5131

■ 15.7761, 23.2165,
4.3913

■ 50.1735, 66.5864,
23.7021

■ 9.4557, 14.7535,
1.8424

■ 68.0025, 88.3180,
35.4221

■ 5.0991, 8.6465,
0.4557

■ 89.6221, 114.3276,
50.4813

■ 2.3409, 4.5114,
0.0000

■ 115.3976,
144.9997, 69.2982

■ 0.8154, 1.9635,
0.0000

■ 145.6944,
180.7188, 92.2912

■ 0.0000, 0.5862,
0.0000

■ 180.8778,

■ 0.0000, 0.0000,

221.8691, 119.8790

0.0000

221.3132,
268.8351, 152.4802

■ 24.4256, 34.4201,
8.6052

■ 24.4256, 34.4201,
8.6052

■ 23.1986, 33.8256,
6.8812

■ 25.8519, 35.1033,
11.0766

■ 22.1513, 33.3081,
5.8170

■ 27.4897, 35.8765,
14.3659

■ 21.2492, 32.8551,
5.2333

■ 29.3530, 36.7467,
18.5376

■ 21.2289, 32.8449,
5.2208

■ 31.4536, 37.7186,
23.6494

■ 33.8024, 38.7968,
29.7540

■ 36.4096, 39.9854,
36.9003

■ 39.2847, 41.2882,
45.1339

■ 42.4366, 42.7091,
54.4975

■ 45.8738, 44.2515,
65.0319

Harmonies

Analogous

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



32.4369, 34.4201, 6.1766



24.4256, 34.4201, 8.6052



19.5358, 34.4201, 17.8052

Triad

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



24.4256, 34.4201, 8.6052



24.8258, 34.4201, 101.6898



53.8469, 34.4201, 36.6837

Complementary

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



24.4256, 34.4201, 8.6052



13.3952, 7.8684, 39.8445

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.



50.7892, 34.4201, 68.0046



24.4256, 34.4201, 8.6052



32.9953, 34.4201, 114.6651

Square

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



24.4256, 34.4201, 8.6052



19.7345, 34.4201, 70.0859



42.6957, 34.4201, 100.1421



50.4158, 34.4201, 16.9751

Rectangle

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



24.4256, 34.4201, 8.6052



18.1412, 34.4201, 30.0058



42.6957, 34.4201, 100.1421



53.5395, 34.4201, 46.0971

Sweetspot

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



24.4264, 34.4216, 8.6059



60.6021, 70.0512, 52.0665



21.6371, 17.0252, 5.3951



12.9186, 15.1084, 10.6537



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.4264, 34.4216, 8.6059



40.9554, 60.8062, 11.2396



17.8993, 31.0568, 8.3005



8.3800, 9.1845, 8.5445



15.8585, 24.4724, 3.8878



0.4980, 0.7101, 0.1108

Inverse Universe

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



13.3952, 7.8684, 39.8445



19.7828, 9.5701, 71.6103



22.0021, 12.3055, 40.2473



7.8397, 7.8917, 10.0627



7.0582, 2.9985, 29.2513



0.2571, 0.1147, 0.8166

Previews

White Background



This preview shows how the XYZ color 24.4256, 34.4201, 8.6052 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 24.4256, 34.4201, 8.6052 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 24.4256, 34.4201, 8.6052

Background



This preview shows how black text looks on a background with the XYZ color 24.4256, 34.4201, 8.6052.



This preview shows how white text looks on a background with the XYZ color 24.4256, 34.4201,

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

24.4256, 34.4201, 8.6052

Protanopia

30.8918, 34.0142, 7.7335

Deuteranopia

34.7479, 34.0093, 9.0080



Tritanopia

31.7893, 34.4362, 44.5065

Trichromacy



Original Color

24.4256, 34.4201, 8.6052

Protanomaly

28.1488, 33.8897, 7.9635

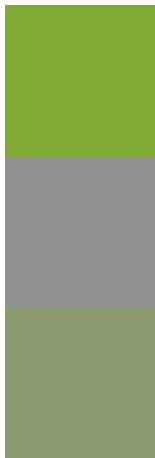
Deuteranomaly

29.9786, 33.5198, 8.7608

Tritanomaly

28.0650, 33.9842, 25.8493

Monochromacy



Original Color

24.4256, 34.4201, 8.6052

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.2380, 30.0794, 19.5146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4256, 34.4201, 8.6052 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(129, 172, 52)` looks like.

```
.text, #text, p{  
    color:rgb(129, 172, 52)  
}
```

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(129, 172, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 172, 52) }
```

Border

The CSS property to change the border of an element to XYZ 24.4256, 34.4201, 8.6052 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(129, 172, 52) }
```


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

```
.border{ border-color:rgb(129, 172, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 172, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 172, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 172, 52);  
box-shadow:4px 4px 4px 4px rgb(129, 172,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4256, 34.4201, 8.6052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 172, 52) }
```

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

```
.background{ background-color: rgb(129,  
172, 52) }
```

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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