

Converting Colors

XYZ(25.2096, 34.4158, 8.5958)

Have a look what the booklet for
XYZ(25.2096, 34.4158, 8.5958)
contains.

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Color

**XYZ(25.3361, 34.6080,
8.5935)**

Conversions

Conversions Part 1

Format	Color
Hex	88AB34
RGB	136, 171, 52
RGB Percent	53%, 67%, 20%
CMY	0.4667, 0.3294, 0.7961
CMYK	0.20, 0.00, 0.70, 0.33
HSL	78°, 53%, 44%
HSV	78°, 70%, 67%
XYZ	25.3361, 34.6080, 8.5935
YIQ	146.9690, 17.3390, -44.4290

Conversions

Conversions Part 2

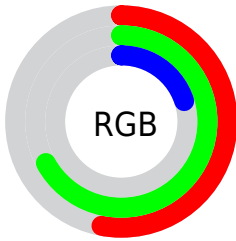
Format	Color
RYB	52, 171, 87
Decimal	8956724
CIELab	65.44, -29.26, 54.63
CIELCh	65, 61.969, 118.171
Yxy	34.6080, 0.3697, 0.5049
Android (android.graphics.Color)	4287146804 (0xFF88AB34)
YUV	146.9690, -46.8197, -9.6198
Hunter-Lab	58.8286, -26.0742, 32.5191

Details

The XYZ color **25.3361, 34.6080, 8.5935** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **12.5105, 7.4234, 39.3036**, and the grayscale version is **27.9037, 29.3569, 31.9697**.

A 20% lighter version of the original color is **51.4844, 66.6191, 23.5099**, and **10.0765, 14.9875, 2.3618** is the 20% darker color. If you saturate the color by 10%, you get **24.2210, 34.0710, 6.8824**, and if you desaturate by 10%, it is **26.6307, 35.2237, 11.0425**.

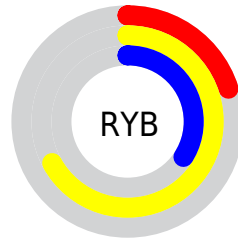
Distribution



Red (53%)

Green (67%)

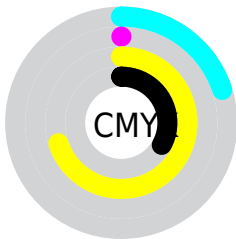
Blue (20%)



Red (20%)

Yellow (67%)

Blue (34%)

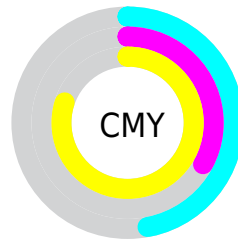


Cyan (20%)

Magenta (0%)

Yellow (70%)

Black (33%)



Cyan (47%)


Magenta (33%)


Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3361, 34.6080, 8.5935 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 25.3361, 34.6080, 8.5935 by changing the saturation by 10% instead.


 25.3361, 34.6080,
8.5935


 25.3361, 34.6080,
8.5935


271.8245,
322.8347, 190.4208


 16.4577, 23.3611,
4.3838


 51.6409, 66.8780,
23.6791

 9.9415, 14.8603,
1.8382


 69.7981, 88.6700,
35.3921

 5.4222, 8.7214,
0.4530


 91.7788, 114.7457,
50.4432

 2.5343, 4.5599,
0.0000

 117.9486,
145.4895, 69.2511

 0.9126, 1.9915,
0.0000

 148.6727,
181.2860, 92.2343

 0.0000, 0.6025,
0.0000

 184.3164,

 0.0000, 0.0000,

222.5194, 119.8113

0.0000

225.2453,
269.5741, 152.4006

■ 25.3361, 34.6080,
8.5935

■ 25.3361, 34.6080,
8.5935

■ 24.2210, 34.0710,
6.8824

■ 26.6307, 35.2237,
11.0425

■ 23.2665, 33.6014,
5.8233

■ 28.1164, 35.9191,
14.2987

■ 22.4400, 33.1873,
5.2433

■ 29.8065, 36.7007,
18.4255

■ 22.4072, 33.1708,
5.2216

■ 31.7122, 37.5732,
23.4797

■ 33.8438, 38.5408,
29.5132

■ 36.2109, 39.6073,
36.5739

■ 38.8225, 40.7763,
44.7069

■ 41.6872, 42.0514,
53.9542

■ 44.8128, 43.4357,
64.3560

Harmonies

Analogous

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



33.4530, 34.6080, 6.5788



25.3361, 34.6080, 8.5935



20.2022, 34.6080, 17.0198

Triad

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



25.3361, 34.6080, 8.5935



24.5355, 34.6080, 97.9500



53.5577, 34.6080, 39.2970

Complementary

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



25.3361, 34.6080, 8.5935



12.5105, 7.4234, 39.3036

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.



50.0252, 34.6080, 70.5922



25.3361, 34.6080, 8.5935



32.3410, 34.6080, 112.7755

Square

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



25.3361, 34.6080, 8.5935



19.8031, 34.6080, 66.4836



41.8224, 34.6080, 100.9911



50.7641, 34.6080, 18.6955

Rectangle

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



25.3361, 34.6080, 8.5935



18.6200, 34.6080, 28.3526



41.8224, 34.6080, 100.9911



53.0596, 34.6080, 48.8622

Sweetspot

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



25.3369, 34.6095, 8.5942



59.8985, 68.6994, 50.7955



20.7209, 15.5175, 5.1524



13.1254, 15.2150, 10.6633



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.



25.3369, 34.6095, 8.5942



42.3356, 60.5063, 11.0766



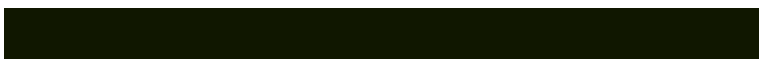
18.3081, 30.9861, 8.2653



8.4297, 9.2101, 8.5468



16.9453, 25.0327, 3.9387



0.5225, 0.7227, 0.1120

Inverse Universe

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



12.5105, 7.4234, 39.3036



18.0274, 8.6867, 69.7284



20.2953, 11.4366, 39.6679



7.7921, 7.8671, 10.0605



6.5911, 2.7577, 29.2294



0.2387, 0.1052, 0.8157

Previews

White Background



This preview shows how the XYZ color 25.3361, 34.6080, 8.5935 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 25.3361, 34.6080, 8.5935 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 25.3361, 34.6080, 8.5935

Background



This preview shows how black text looks on a background with the XYZ color 25.3361, 34.6080, 8.5935.



This preview shows how white text looks on a background with the XYZ color 25.3361, 34.6080,

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

25.3361, 34.6080, 8.5935

Protanopia

31.3126, 34.4830, 7.9113

Deuteranopia

35.1447, 34.4548, 8.9358



Tritanopia

32.5949, 34.6042, 43.9911

Trichromacy



Original Color

25.3361, 34.6080, 8.5935

Protanomaly

28.7772, 34.2112, 8.1043

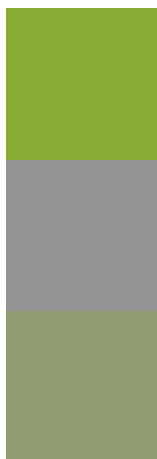
Deuteranomaly

30.6199, 33.8532, 8.6619

Tritanomaly

28.8488, 34.1292, 25.4892

Monochromacy



Original Color

25.3361, 34.6080, 8.5935

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.1408, 30.7864, 19.8938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3361, 34.6080, 8.5935 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(136, 171, 52)` looks like.

```
.text, #text, p{  
    color:rgb(136, 171, 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(136, 171, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 171, 52) }
```

Border

The CSS property to change the border of an element to XYZ 25.3361, 34.6080, 8.5935 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(136, 171, 52) }
```


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

```
.border{ border-color:rgb(136, 171, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 171, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 171, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 171, 52);  
box-shadow:4px 4px 4px 4px rgb(136, 171,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3361, 34.6080, 8.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 171, 52) }
```

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

```
.background{ background-color: rgb(136,  
171, 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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