

Converting Colors

XYZ(25.6847, 35.7590, 8.8338)

Have a look what the booklet for
XYZ(25.6847, 35.7590, 8.8338)
contains.

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Color

**XYZ(25.5874, 35.5884,
8.7695)**

Conversions

Conversions Part 1

Format	Color
Hex	86AE34
RGB	134, 174, 52
RGB Percent	53%, 68%, 20%
CMY	0.4745, 0.3176, 0.7961
CMYK	0.23, 0.00, 0.70, 0.32
HSL	80°, 54%, 44%
HSV	80°, 70%, 68%
XYZ	25.5874, 35.5884, 8.7695
YIQ	148.1320, 15.3220, -46.4220

Conversions

Conversions Part 2

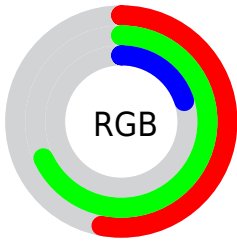
Format	Color
RYB	52, 174, 92
Decimal	8826420
CIELab	66.20, -31.48, 55.36
CIELCh	66, 63.685, 119.624
Yxy	35.5884, 0.3658, 0.5088
Android (android.graphics.Color)	4287016500 (0xFF86AE34)
YUV	148.1320, -47.3931, -12.3938
Hunter-Lab	59.6560, -27.8366, 33.0435

Details

The XYZ color **25.5874, 35.5884, 8.7695** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **13.2831, 7.7883, 40.8497**, and the grayscale version is **28.3916, 29.8701, 32.5286**.

A 20% lighter version of the original color is **52.1335, 68.5814, 24.1255**, and **10.1456, 15.3802, 2.4339** is the 20% darker color. If you saturate the color by 10%, you get **24.3807, 35.0047, 7.0311**, and if you desaturate by 10%, it is **26.9893, 36.2583, 11.2724**.

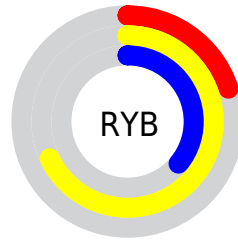
Distribution



Red (53%)

Green (68%)

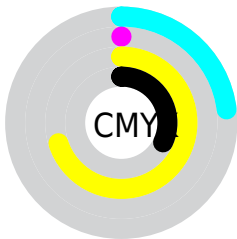
Blue (20%)



Red (20%)

Yellow (68%)

Blue (36%)

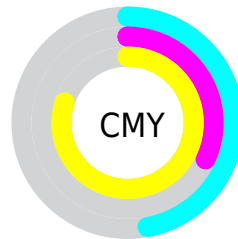


Cyan (23%)

Magenta (0%)

Yellow (70%)

Black (32%)



Cyan (47%)


Magenta (32%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5874, 35.5884, 8.7695 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 25.5874, 35.5884, 8.7695 by changing the saturation by 10% instead.


 25.5874, 35.5884,
8.7695


 25.5874, 35.5884,
8.7695


273.0447,
327.1579, 191.8033


 16.6463, 24.1165,
4.4964


 52.0446, 68.3963,
24.0243

 10.0764, 15.4200,
1.9014


 70.2915, 90.5011,
35.8431

 5.5123, 9.1147,
0.4936


 92.3709, 116.9189,
51.0142

 2.5887, 4.8161,
0.0000

 118.6483,
148.0342, 69.9562

 0.9402, 2.1398,
0.0000

 149.4890,
184.2314, 93.0875

 0.0000, 0.6868,
0.0000

 185.2584,

 0.0000, 0.0000,

225.8948, 120.8268

0.0000

226.3219,
273.4088, 153.5925

■ 25.5874, 35.5884,
8.7695

■ 25.5874, 35.5884,
8.7695

■ 24.3807, 35.0047,
7.0311

■ 26.9893, 36.2583,
11.2724

■ 23.3492, 34.4955,
5.9664

■ 28.5988, 37.0158,
14.6126

■ 22.4658, 34.0519,
5.3886

■ 30.4302, 37.8679,
18.8570

■ 32.4954, 38.8194,
24.0649

■ 34.8054, 39.8748,
30.2908

■ 37.3704, 41.0384,
37.5851

■ 40.2002, 42.3139,
45.9947

■ 43.3037, 43.7053,
55.5638

■ 46.6894, 45.2158,
66.3344

Harmonies

Analogous

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



33.9455, 35.5884, 6.4708



25.5874, 35.5884, 8.7695



20.4044, 35.5884, 17.8831

Triad

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



25.5874, 35.5884, 8.7695



25.4157, 35.5884, 103.5404



55.5385, 35.5884, 39.0935

Complementary

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



25.5874, 35.5884, 8.7695



13.2831, 7.7883, 40.8497

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.



52.1268, 35.5884, 71.6195



25.5874, 35.5884, 8.7695



33.7061, 35.5884, 117.9682

Square

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



25.5874, 35.5884, 8.7695



20.3190, 35.5884, 70.7290



43.6660, 35.5884, 104.2019



52.2867, 35.5884, 18.2401

Rectangle

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



25.5874, 35.5884, 8.7695



18.8700, 35.5884, 30.0827



43.6660, 35.5884, 104.2019



55.1250, 35.5884, 48.9395

Sweetspot

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



25.5882, 35.5900, 8.7703



62.5779, 72.0738, 53.4155



21.7866, 16.6675, 5.3182



13.6506, 15.9015, 11.1671



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.5882, 35.5900, 8.7703



43.1791, 62.9793, 11.5746



18.6095, 31.9923, 8.4437



8.4035, 9.1966, 8.5456



16.3581, 24.7300, 3.9112



0.5094, 0.7160, 0.1113

Inverse Universe

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



13.2831, 7.7883, 40.8497



19.6249, 9.4667, 73.4298



21.7497, 12.1530, 41.2460



7.8170, 7.8800, 10.0617



6.8241, 2.8778, 29.2403



0.2484, 0.1102, 0.8162

Previews

White Background



This preview shows how the XYZ color 25.5874, 35.5884, 8.7695 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 25.5874, 35.5884, 8.7695 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 25.5874, 35.5884, 8.7695

Background



This preview shows how black text looks on a background with the XYZ color 25.5874, 35.5884, 8.7695.



This preview shows how white text looks on a background with the XYZ color 25.5874, 35.5884,

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

25.5874, 35.5884, 8.7695

Protanopia

32.1216, 35.4148, 8.0485

Deuteranopia

35.8633, 35.0621, 9.1524



Tritanopia

32.8709, 35.2317, 45.6254

Trichromacy



Original Color

25.5874, 35.5884, 8.7695

Protanomaly

29.3162, 35.2893, 8.2840

Deuteranomaly

31.2138, 34.6671, 8.9172

Tritanomaly

28.9932, 34.7238, 26.2934

Monochromacy



Original Color

25.5874, 35.5884, 8.7695

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.3653, 31.1458, 20.2449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5874, 35.5884, 8.7695 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(134, 174, 52)` looks like.

```
.text, #text, p{  
    color:rgb(134, 174, 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(134, 174, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 174, 52) }
```

Border

The CSS property to change the border of an element to XYZ 25.5874, 35.5884, 8.7695 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(134, 174, 52) }
```


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

```
.border{ border-color:rgb(134, 174, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 174, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 174, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 174, 52);  
box-shadow:4px 4px 4px 4px rgb(134, 174,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5874, 35.5884, 8.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 174, 52) }
```

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

```
.background{ background-color: rgb(134,  
174, 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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