

Converting Colors

XYZ(25.9160, 36.0656, 7.8789)

Have a look what the booklet for
XYZ(25.9160, 36.0656, 7.8789)
contains.

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Color

**XYZ(25.9194, 36.0686,
7.8813)**

Conversions

Conversions Part 1

Format	Color
Hex	88AF2B
RGB	136, 175, 43
RGB Percent	53%, 69%, 17%
CMY	0.4667, 0.3137, 0.8314
CMYK	0.22, 0.00, 0.75, 0.31
HSL	78°, 61%, 43%
HSV	78°, 75%, 69%
XYZ	25.9194, 36.0686, 7.8813
YIQ	148.2910, 19.1280, -49.3200

Conversions

Conversions Part 2

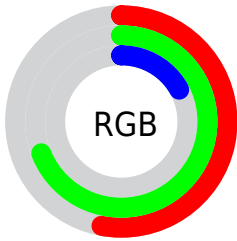
Format	Color
RYB	43, 175, 82
Decimal	8957739
CIELab	66.57, -31.68, 59.02
CIELCh	67, 66.979, 118.224
Yxy	36.0686, 0.3710, 0.5162
Android (android.graphics.Color)	4287147819 (0xFF88AF2B)
YUV	148.2910, -51.9085, -10.7792
Hunter-Lab	60.0571, -28.0631, 34.2594

Details

The XYZ color **25.9194, 36.0686, 7.8813** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **12.0828, 6.6176, 41.2000**, and the grayscale version is **28.4755, 29.9584, 32.6247**.

A 20% lighter version of the original color is **52.5663, 69.2591, 22.4022**, and **10.3529, 15.6684, 2.4787** is the 20% darker color. If you saturate the color by 10%, you get **24.8453, 35.5455, 6.5000**, and if you desaturate by 10%, it is **27.1734, 36.6709, 9.9913**.

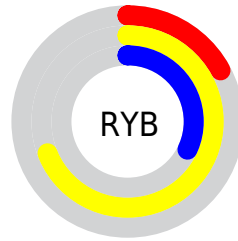
Distribution



Red (53%)

Green (69%)

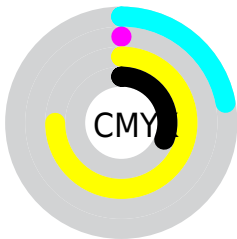
Blue (17%)



Red (17%)

Yellow (69%)

Blue (32%)

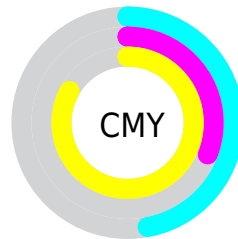


Cyan (22%)

Magenta (0%)

Yellow (75%)

Black (31%)



Cyan (47%)


Magenta (31%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9194, 36.0686, 7.8813 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 25.9194, 36.0686, 7.8813 by changing the saturation by 10% instead.


 25.9194, 36.0686,
7.8813


 25.9194, 36.0686,
7.8813


274.6502,
329.2603, 184.6977


 16.8957, 24.4872,
3.9324


 52.5771, 69.1379,
22.2677

 10.2550, 15.6954,
1.5883


 70.9419, 91.3946,
33.5423

 5.6319, 9.3089,
0.2825


 93.1510, 117.9786,
48.0960

 2.6611, 4.9432,
0.0000

 119.5699,
149.2741, 66.3471

 0.9772, 2.2140,
0.0000

 150.5639,
185.6656, 88.7143

 0.0000, 0.7276,
0.0000

 186.4984,

 0.0000, 0.0000,

227.5376, 115.6161

0.0000

227.7387,
275.2743, 147.4711

■ 25.9194, 36.0686,
7.8813

■ 25.9194, 36.0686,
7.8813

■ 24.8453, 35.5455,
6.5000

■ 27.1734, 36.6709,
9.9913

■ 23.9284, 35.0887,
5.7415

■ 28.6211, 37.3541,
12.9103

■ 23.5411, 34.8941,
5.4945

■ 30.2774, 38.1255,
16.7106

■ 32.1549, 38.9903,
21.4558

■ 34.2651, 39.9531,
27.2037

■ 36.6186, 41.0183,
34.0073

■ 39.2253, 42.1897,
41.9161

■ 42.0945, 43.4713,
50.9763

■ 45.2349, 44.8665,
61.2316

Harmonies

Analogous

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



34.8854, 36.0686, 5.8387



25.9194, 36.0686, 7.8813



20.3205, 36.0686, 16.7178

Triad

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



25.9194, 36.0686, 7.8813



25.0668, 36.0686, 107.7532



57.4942, 36.0686, 41.0154

Complementary

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



25.9194, 36.0686, 7.8813



12.0828, 6.6176, 41.2000

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.



53.5083, 36.0686, 76.2903



25.9194, 36.0686, 7.8813



33.6859, 36.0686, 124.8123

Square

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



25.9194, 36.0686, 7.8813



19.9002, 36.0686, 71.7517



44.2741, 36.0686, 111.1548



54.3193, 36.0686, 18.4585

Rectangle

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



25.9194, 36.0686, 7.8813



18.6112, 36.0686, 29.0118



44.2741, 36.0686, 111.1548



56.9342, 36.0686, 51.7056

Sweetspot

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



25.9202, 36.0702, 7.8821



62.1838, 71.9229, 51.0347



21.0146, 15.0856, 4.0902



13.5048, 15.8420, 10.4529



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.



25.9202, 36.0702, 7.8821



43.2956, 63.0617, 10.5721



18.4100, 32.1985, 7.5306



8.4287, 9.2096, 8.5468



16.9214, 25.0204, 3.9376



0.5220, 0.7225, 0.1119

Inverse Universe

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



12.0828, 6.6176, 41.2000



17.5481, 7.8281, 73.2230



20.5284, 10.9715, 41.5953



7.7931, 7.8676, 10.0606



6.5997, 2.7622, 29.2298



0.2390, 0.1054, 0.8157

Previews

White Background



This preview shows how the XYZ color 25.9194, 36.0686, 7.8813 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 25.9194, 36.0686, 7.8813 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 25.9194, 36.0686, 7.8813

Background



This preview shows how black text looks on a background with the XYZ color 25.9194, 36.0686, 7.8813.



This preview shows how white text looks on a background with the XYZ color 25.9194, 36.0686,

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

25.9194, 36.0686, 7.8813

Protanopia

32.3594, 35.8176, 7.2155

Deuteranopia

36.3682, 35.5870, 8.2010



Tritanopia

33.6962, 35.9083, 46.2293

Trichromacy



Original Color

25.9194, 36.0686, 7.8813

Protanomaly

29.7360, 35.7969, 7.4401

Deuteranomaly

31.6593, 35.1765, 8.0268

Tritanomaly

29.5691, 35.3069, 25.6785

Monochromacy



Original Color

25.9194, 36.0686, 7.8813

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.5429, 31.5088, 19.4347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9194, 36.0686, 7.8813 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, 175, 43)` looks like.

```
.text, #text, p{  
    color:rgb(136, 175, 43)  
}
```

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, 175, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 175, 43) }
```

Border

The CSS property to change the border of an element to XYZ 25.9194, 36.0686, 7.8813 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, 175, 43) }
```


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

```
.border{ border-color:rgb(136, 175, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 175, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 175, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 175, 43);  
box-shadow:4px 4px 4px 4px rgb(136, 175,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9194, 36.0686, 7.8813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 175, 43) }
```

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

```
.background{ background-color: rgb(136,  
175, 43) }
```

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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