

Converting Colors

XYZ(25.2918, 34.2892, 9.2884)

Have a look what the booklet for
XYZ(25.2918, 34.2892, 9.2884)
contains.

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Color

**XYZ(25.2918, 34.2892,
9.2884)**

Conversions

Conversions Part 1

Format	Color
Hex	88AA3A
RGB	136, 170, 58
RGB Percent	53%, 67%, 23%
CMY	0.4667, 0.3333, 0.7725
CMYK	0.20, 0.00, 0.66, 0.33
HSL	78°, 49%, 45%
HSV	78°, 66%, 67%
XYZ	25.2918, 34.2892, 9.2884
YIQ	147.0660, 15.6880, -42.0400

Conversions

Conversions Part 2

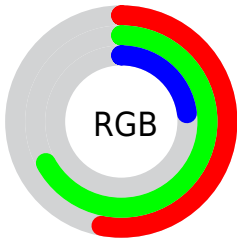
Format	Color
RYB	58, 170, 92
Decimal	8956474
CIELab	65.19, -28.36, 51.94
CIELCh	65, 59.182, 118.636
Yxy	34.2892, 0.3672, 0.4979
Android (android.graphics.Color)	4287146554 (0xFF88AA3A)
YUV	147.0660, -43.9095, -9.7049
Hunter-Lab	58.5570, -25.3774, 31.5852

Details

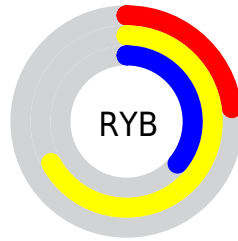
The XYZ color **25.2918, 34.2892, 9.2884** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **13.1837, 8.2046, 38.9210**, and the grayscale version is **27.9327, 29.3874, 32.0029**.

A 20% lighter version of the original color is **51.5327, 66.2046, 25.1016**, and **9.9581, 14.7507, 2.3223** is the 20% darker color. If you saturate the color by 10%, you get **24.1108, 33.7235, 7.3366**, and if you desaturate by 10%, it is **26.6576, 34.9359, 11.9956**.

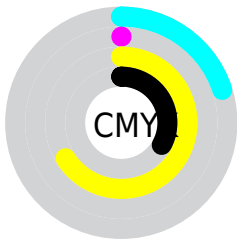
Distribution



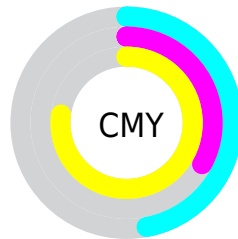
- Red (53%)
- Green (67%)
- Blue (23%)



- Red (23%)
- Yellow (67%)
- Blue (36%)



- Cyan (20%)
- Magenta (0%)
- Yellow (66%)
- Black (33%)



- Cyan (47%)
- Magenta (33%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2918, 34.2892, 9.2884 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 25.2918, 34.2892, 9.2884 by changing the saturation by 10% instead.

■ 25.2918, 34.2892,
9.2884

■ 25.2918, 34.2892,
9.2884

271.6089,
321.4197, 195.8116

■ 16.4245, 23.1159,
4.8304

■ 51.5697, 66.3831,
25.0347

■ 9.9178, 14.6791,
2.0911

■ 69.7110, 88.0725,
37.1601

■ 5.4063, 8.5945,
0.6105

■ 91.6743, 114.0361,
52.6783

■ 2.5248, 4.4776,
0.0000

■ 117.8250,
144.6581, 72.0080

■ 0.9078, 1.9442,
0.0000

■ 148.5285,
180.3231, 95.5676

■ 0.0000, 0.5747,
0.0000

■ 184.1501,

■ 0.0000, 0.0000,

221.4155, 123.7757

0.0000

225.0551,
268.3195, 157.0509

■ 25.2918, 34.2892,
9.2884

■ 25.2918, 34.2892,
9.2884

■ 24.1108, 33.7235,
7.3366

■ 26.6576, 34.9359,
11.9956

■ 23.0970, 33.2280,
6.0606

■ 28.2189, 35.6644,
15.5228

■ 22.2313, 32.7964,
5.3597

■ 29.9886, 36.4809,
19.9302

■ 21.8997, 32.6299,
5.1440

■ 31.9773, 37.3900,
25.2719

■ 34.1949, 38.3955,
31.5975

■ 36.6508, 39.5013,
38.9531

■ 39.3537, 40.7109,
47.3820

■ 42.3117, 42.0277,
56.9248

■ 45.5328, 43.4548,
67.6203

Harmonies

Analogous

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



32.9861, 34.2892, 7.1850



25.2918, 34.2892, 9.2884



20.4132, 34.2892, 17.7145

Triad

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



25.2918, 34.2892, 9.2884



24.7204, 34.2892, 94.1215



52.0725, 34.2892, 38.4739

Complementary

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



25.2918, 34.2892, 9.2884



13.1837, 8.2046, 38.9210

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.



48.8459, 34.2892, 67.8022



25.2918, 34.2892, 9.2884



32.1988, 34.2892, 107.5018

Square

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



25.2918, 34.2892, 9.2884



20.1263, 34.2892, 64.9370



41.1743, 34.2892, 96.2252



49.3632, 34.2892, 18.9291

Rectangle

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



25.2918, 34.2892, 9.2884



18.9198, 34.2892, 28.7602



41.1743, 34.2892, 96.2252



51.6370, 34.2892, 47.4647

Sweetspot

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



25.2926, 34.2907, 9.2891



60.1843, 68.8213, 51.9580



21.1351, 16.4378, 6.0623



13.1785, 15.2373, 10.8976



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.



25.2926, 34.2907, 9.2891



42.8712, 60.7600, 12.1143



18.4817, 30.7796, 8.9704



7.9219, 8.6578, 8.0429



16.1673, 24.0318, 3.7865



0.4416, 0.6096, 0.0944

Inverse Universe

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



13.1837, 8.2046, 38.9210



19.3982, 9.9641, 69.9027



20.9105, 12.1879, 39.2826



7.3380, 7.4069, 9.4613



6.4153, 2.6907, 28.1567



0.2074, 0.0919, 0.6875

Previews

White Background



This preview shows how the XYZ color 25.2918, 34.2892, 9.2884 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 25.2918, 34.2892, 9.2884 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 25.2918, 34.2892, 9.2884

Background



This preview shows how black text looks on a background with the XYZ color 25.2918, 34.2892, 9.2884.



This preview shows how white text looks on a background with the XYZ color 25.2918, 34.2892,

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

25.2918, 34.2892, 9.2884

Protanopia

30.8209, 33.9597, 8.5449

Deuteranopia

34.6254, 33.9301, 9.7252



Tritanopia

32.2390, 34.1644, 43.9249

Trichromacy



Original Color

25.2918, 34.2892, 9.2884

Protanomaly

28.3321, 33.7033, 8.7535

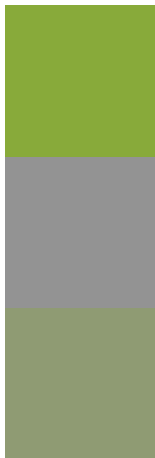
Deuteranomaly

30.3820, 33.4604, 9.4146

Tritanomaly

28.6955, 33.7624, 26.4771

Monochromacy



Original Color

25.2918, 34.2892, 9.2884

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.1435, 30.5201, 20.7327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2918, 34.2892, 9.2884 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, 170, 58)` looks like.

```
.text, #text, p{  
    color:rgb(136, 170, 58)  
}
```

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, 170, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 170, 58) }
```

Border

The CSS property to change the border of an element to XYZ 25.2918, 34.2892, 9.2884 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, 170, 58) }
```


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

```
.border{ border-color:rgb(136, 170, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 170, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 170, 58); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 170, 58); box-shadow:4px 4px 4px 4px rgb(136, 170, 58) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2918, 34.2892, 9.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 170, 58) }
```

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

```
.background{ background-color: rgb(136,  
170, 58) }
```

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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