

Converting Colors

XYZ(25.1959, 32.6794, 11.7678)

Have a look what the booklet for
XYZ(25.1959, 32.6794, 11.7678)
contains.

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Color

**XYZ(25.2409, 32.8353,
11.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA54C
RGB	138, 165, 76
RGB Percent	54%, 65%, 30%
CMY	0.4588, 0.3529, 0.7020
CMYK	0.16, 0.00, 0.54, 0.35
HSL	78°, 37%, 47%
HSV	78°, 54%, 65%
XYZ	25.2409, 32.8353, 11.8450
YIQ	146.7810, 12.4770, -33.4030

Conversions

Conversions Part 2

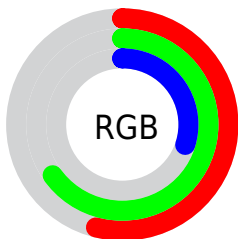
Format	Color
RYB	76, 165, 103
Decimal	9086284
CIELab	64.03, -23.56, 42.50
CIELCh	64, 48.597, 119.000
Yxy	32.8353, 0.3610, 0.4696
Android (android.graphics.Color)	4287276364 (0xFF8AA54C)
YUV	146.7810, -34.8950, -7.7009
Hunter-Lab	57.3021, -21.6515, 27.8555

Details

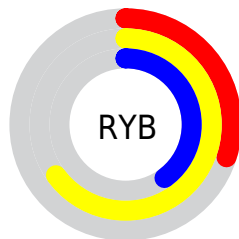
The XYZ color **25.2409, 32.8353, 11.8450** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.9707, 10.7699, 36.8889**, and the grayscale version is **27.7794, 29.2261, 31.8272**.

A 20% lighter version of the original color is **51.4163, 64.0562, 29.7328**, and **9.9183, 13.8589, 3.0720** is the 20% darker color. If you saturate the color by 10%, you get **23.9302, 32.2187, 9.1639**, and if you desaturate by 10%, it is **26.7385, 33.5334, 15.3042**.

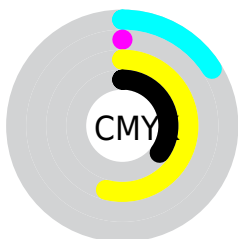
Distribution



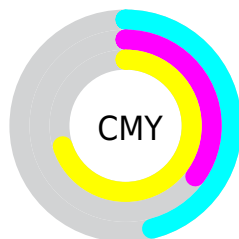
- Red (54%)
- Green (65%)
- Blue (30%)



- Red (30%)
- Yellow (65%)
- Blue (40%)



- Cyan (16%)
- Magenta (0%)
- Yellow (54%)
- Black (35%)



- Cyan (46%)
- Magenta (35%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2409, 32.8353, 11.8450 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 25.2409, 32.8353, 11.8450 by changing the saturation by 10% instead.

■ 25.2409, 32.8353,
11.8450

■ 25.2409, 32.8353,
11.8450

271.3611,
314.9069, 214.3178

■ 16.3863, 22.0003,
6.5170

■ 51.4878, 64.1183,
29.8727

■ 9.8905, 13.8571,
3.0881

■ 69.6109, 85.3351,
43.4093

■ 5.3881, 8.0214,
1.1398

■ 91.5542, 110.7813,
60.5194

■ 2.5138, 4.1086,
0.0000

■ 117.6830,
140.8413, 81.6212

■ 0.9022, 1.7345,
0.0000

■ 148.3628,
175.8994, 107.1334

■ 0.0000, 0.4459,
0.0000

183.9588,

■ 0.0000, 0.0000,

216.3402, 137.4746

0.0000

224.8365,
262.5479, 173.0632

■ 25.2409, 32.8353,
11.8450

■ 25.2409, 32.8353,
11.8450

■ 23.9302, 32.2187,
9.1639

■ 26.7385, 33.5334,
15.3042

■ 22.7921, 31.6743,
7.1982

■ 28.4314, 34.3129,
19.5935

■ 21.8136, 31.1980,
5.8791

■ 30.3303, 35.1794,
24.7629

■ 20.9784, 30.7833,
5.1233

■ 32.4442, 36.1364,
30.8578

■ 20.5182, 30.5524,
4.8158

■ 34.7817, 37.1876,
37.9206

■ 37.3507, 38.3360,
45.9909

■ 40.1589, 39.5848,
55.1063

■ 43.2134, 40.9370,
65.3021

■ 46.5211, 42.3952,
76.6125

Harmonies

Analogous

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



31.4396, 32.8353, 9.7212



25.2409, 32.8353, 11.8450



21.2130, 32.8353, 19.6120

Triad

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



25.2409, 32.8353, 11.8450



24.8965, 32.8353, 78.8923



46.3423, 32.8353, 36.4151

Complementary

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



25.2409, 32.8353, 11.8450



14.9707, 10.7699, 36.8889

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.



43.9357, 32.8353, 58.9507



25.2409, 32.8353, 11.8450



30.9794, 32.8353, 88.3848

Square

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



25.2409, 32.8353, 11.8450



21.0356, 32.8353, 57.3719



38.0506, 32.8353, 80.0145



44.2254, 32.8353, 20.3868

Rectangle

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



25.2409, 32.8353, 11.8450



19.9690, 32.8353, 29.0178



38.0506, 32.8353, 80.0145



46.0302, 32.8353, 43.4550

Sweetspot

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



25.2417, 32.8368, 11.8457



57.1756, 64.2961, 52.5385



21.6432, 18.1631, 9.2031



12.3368, 13.9827, 11.0123



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.2417, 32.8368, 11.8457



42.3700, 57.4678, 15.5105



19.3563, 29.8027, 11.5703



7.4393, 8.1289, 7.5570



15.5738, 23.1391, 3.6455



0.3716, 0.5091, 0.0787

Inverse Universe

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



14.9707, 10.7699, 36.8889



22.0420, 13.6900, 65.2330



21.4456, 14.1079, 37.1919



6.8932, 6.9593, 8.8830



6.1809, 2.5928, 27.1045



0.1758, 0.0781, 0.5717

Previews

White Background



This preview shows how the XYZ color 25.2409, 32.8353, 11.8450 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 25.2409, 32.8353, 11.8450 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 25.2409, 32.8353, 11.8450

Background



This preview shows how black text looks on a background with the XYZ color 25.2409, 32.8353, 11.8450.



This preview shows how white text looks on a background with the XYZ color 25.2409, 32.8353,

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

25.2409, 32.8353, 11.8450

Protanopia

29.9372, 32.6944, 11.0361

Deuteranopia

33.1541, 32.4087, 12.2927



Tritanopia

31.1837, 32.6594, 41.7061

Trichromacy



Original Color

25.2409, 32.8353, 11.8450

Protanomaly

28.1314, 32.7643, 11.3200

Deuteranomaly

29.7615, 32.3336, 12.0696

Tritanomaly

28.4484, 32.5653, 27.7080

Monochromacy



Original Color

25.2409, 32.8353, 11.8450

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5084, 30.4210, 22.5639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2409, 32.8353, 11.8450 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(138, 165, 76)` looks like.

```
.text, #text, p{  
    color:rgb(138, 165, 76)  
}
```

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(138, 165, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 165, 76) }
```

Border

The CSS property to change the border of an element to XYZ 25.2409, 32.8353, 11.8450 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(138, 165, 76) }
```


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

```
.border{ border-color:rgb(138, 165, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 165, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 165, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 165, 76);  
box-shadow:4px 4px 4px 4px rgb(138, 165,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2409, 32.8353, 11.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 165, 76) }
```

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

```
.background{ background-color: rgb(138,  
165, 76) }
```

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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