

Converting Colors

XYZ(34.5210, 38.8642, 6.2614)

Have a look what the booklet for
XYZ(34.5210, 38.8642, 6.2614)
contains.

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Color

**XYZ(34.5468, 38.8587,
6.2519)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA912
RGB	186, 169, 18
RGB Percent	73%, 66%, 7%
CMY	0.2706, 0.3372, 0.9294
CMYK	0.00, 0.09, 0.90, 0.27
HSL	54°, 82%, 40%
HSV	54°, 90%, 73%
XYZ	34.5468, 38.8587, 6.2519
YIQ	156.8690, 58.6030, -43.3570

Conversions

Conversions Part 2

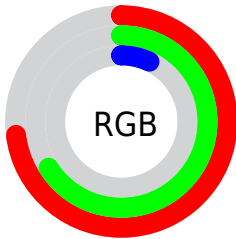
Format	Color
R _Y B	37, 186, 18
Decimal	12232978
CIE Lab	68.65, -8.04, 68.79
CIE LCh	69, 69.256, 96.664
Yxy	38.8587, 0.4337, 0.4878
Android (android.graphics.Color)	4290423058 (0xFFBAA912)
YUV	156.8690, -68.4624, 25.5479
Hunter-Lab	62.3367, -10.1653, 37.6894

Details

The XYZ color **34.5468, 38.8587, 6.2519** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **9.7136, 4.8761, 46.8831**, and the grayscale version is **32.2700, 33.9505, 36.9721**.

A 20% lighter version of the original color is **66.2230, 73.5287, 18.8857**, and **15.2634, 17.3118, 2.5370** is the 20% darker color. If you saturate the color by 10%, you get **34.1018, 38.1436, 5.5651**, and if you desaturate by 10%, it is **35.1188, 39.6532, 7.5212**.

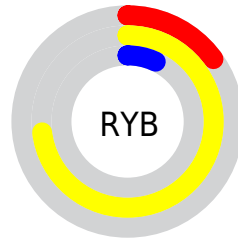
Distribution



Red (73%)

Green (66%)

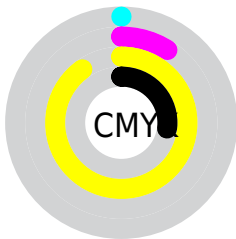
Blue (7%)



Red (15%)

Yellow (73%)

Blue (7%)

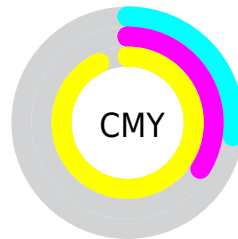


Cyan (0%)

Magenta (9%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5468, 38.8587, 6.2519 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 34.5468, 38.8587, 6.2519 by changing the saturation by 10% instead.

■ 34.5468, 38.8587,
6.2519

■ 34.5468, 38.8587,
6.2519

314.1066,
341.2894, 170.6821

■ 23.4789, 26.6498,
2.9276

■ 66.1218, 73.4224,
18.9382

■ 15.0701, 17.3104,
1.0578

■ 87.3595, 96.5460,
29.1372

■ 8.9553, 10.4560,
0.0000

■ 112.7178,
124.0767, 42.4649

■ 4.7689, 5.7024,
0.0000

■ 142.5622,
156.3988, 59.3398

■ 2.1457, 2.6650,
0.0000

■ 177.2579,
193.8967, 80.1804

■ 0.7139, 0.9594,
0.0000

■ 217.1702,

■ 0.0000, 0.0000,

236.9548, 105.4053

0.0000

262.6647,
285.9576, 135.4330

■ 34.5468, 38.8587,
6.2519

■ 34.5468, 38.8587,
6.2519

■ 34.1018, 38.1436,
5.5651

■ 35.1188, 39.6532,
7.5212

■ 35.8433, 40.5152,
9.5719

■ 36.7410, 41.4547,
12.5101

■ 37.8290, 42.4784,
16.4247

■ 39.1220, 43.5923,
21.3939

■ 40.6334, 44.8019,
27.4880

■ 42.3755, 46.1119,
34.7710

■ 44.3594, 47.5270,
43.3025

■ 46.5959, 49.0514,
53.1378

Harmonies

Analogous

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



45.9073, 38.8587, 7.6023



34.5468, 38.8587, 6.2519



25.7452, 38.8587, 10.0522

Triad

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



34.5468, 38.8587, 6.2519



22.5018, 38.8587, 89.4305



59.8064, 38.8587, 70.9364

Complementary

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



34.5468, 38.8587, 6.2519



9.7136, 4.8761, 46.8831

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.



50.9696, 38.8587, 111.3516



34.5468, 38.8587, 6.2519



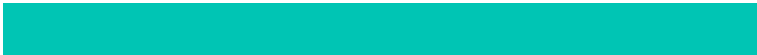
29.2136, 38.8587, 125.2137

Square

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



34.5468, 38.8587, 6.2519



19.7353, 38.8587, 49.6922



39.4288, 38.8587, 134.7644



62.0094, 38.8587, 35.6987

Rectangle

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



34.5468, 38.8587, 6.2519



22.0021, 38.8587, 17.0911



39.4288, 38.8587, 134.7644



57.4389, 38.8587, 84.7941

Sweetspot

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



34.5477, 38.8606, 6.2527



74.5139, 81.8695, 53.3878



20.8095, 11.0094, 2.8290



16.1832, 17.8552, 10.8241



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.5477, 38.8606, 6.2527



61.7088, 68.9315, 10.0527



25.6380, 39.2698, 6.8013



9.6705, 10.3439, 9.5938



22.9744, 25.7251, 3.7546



0.8324, 0.9520, 0.1399

Inverse Universe

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



9.7136, 4.8761, 46.8831



16.4018, 7.1002, 84.7074



12.5944, 5.7902, 46.9077



8.5923, 8.8618, 11.3371



6.1441, 2.7479, 31.4596



0.2410, 0.1457, 1.1172

Previews

White Background



This preview shows how the XYZ color 34.5468, 38.8587, 6.2519 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 34.5468, 38.8587, 6.2519 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 34.5468, 38.8587, 6.2519

Background



This preview shows how black text looks on a background with the XYZ color 34.5468, 38.8587, 6.2519.



This preview shows how white text looks on a background with the XYZ color 34.5468, 38.8587,

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

34.5468, 38.8587, 6.2519

Protanopia

35.0981, 38.8678, 6.2246

Deuteranopia

39.4717, 38.7290, 6.4937



Tritanopia

41.9834, 38.7143, 42.7960

Trichromacy



Original Color

34.5468, 38.8587, 6.2519

Protanomaly

34.8509, 38.7403, 6.2131

Deuteranomaly

37.6192, 38.8169, 6.3738

Tritanomaly

37.5204, 37.9111, 21.2596

Monochromacy



Original Color

34.5468, 38.8587, 6.2519

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.4948, 34.8552, 18.7034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5468, 38.8587, 6.2519 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(186, 169, 18)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 18)  
}
```

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(186, 169, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 18) }
```

Border

The CSS property to change the border of an element to XYZ 34.5468, 38.8587, 6.2519 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(186, 169, 18) }
```


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

```
.border{ border-color:rgb(186, 169, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 18);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5468, 38.8587, 6.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 18) }
```

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

```
.background{ background-color: rgb(186,  
169, 18) }
```

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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