

Converting Colors

XYZ(34.6241, 38.3553, 5.9263)

Have a look what the booklet for
XYZ(34.6241, 38.3553, 5.9263)
contains.

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Color

**XYZ(34.6241, 38.3553,
5.9263)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA70C
RGB	188, 167, 12
RGB Percent	74%, 65%, 5%
CMY	0.2627, 0.3451, 0.9529
CMYK	0.00, 0.11, 0.94, 0.26
HSL	53°, 88%, 39%
HSV	53°, 94%, 74%
XYZ	34.6241, 38.3553, 5.9263
YIQ	155.6090, 62.2710, -43.7530

Conversions

Conversions Part 2

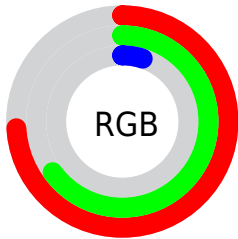
Format	Color
R _Y B	36, 188, 12
Decimal	12363532
CIE Lab	68.28, -6.19, 69.52
CIE LCh	68, 69.794, 95.087
Yxy	38.3553, 0.4388, 0.4861
Android (android.graphics.Color)	4290553612 (0xFFBCA70C)
YUV	155.6090, -70.7992, 28.4069
Hunter-Lab	61.9317, -8.5865, 37.6786

Details

The XYZ color **34.6241, 38.3553, 5.9263** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **9.7730, 4.7973, 47.9875**, and the grayscale version is **31.7131, 33.3647, 36.3342**.

A 20% lighter version of the original color is **66.3179, 72.7931, 18.3397**, and **15.4513, 17.2366, 2.5126** is the 20% darker color. If you saturate the color by 10%, you get **34.2973, 37.8082, 5.4901**, and if you desaturate by 10%, it is **35.2179, 39.2575, 7.0049**.

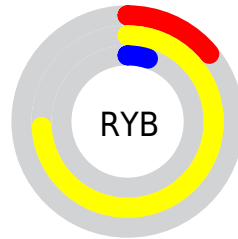
Distribution



Red (74%)

Green (65%)

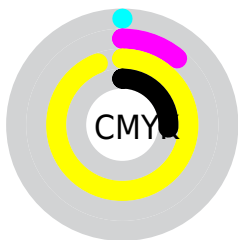
Blue (5%)



Red (14%)

Yellow (74%)

Blue (5%)

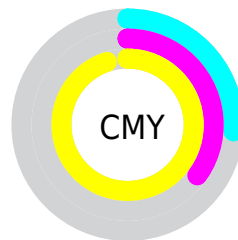


Cyan (0%)

Magenta (11%)

Yellow (94%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6241, 38.3553, 5.9263 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 34.6241, 38.3553, 5.9263 by changing the saturation by 10% instead.

■ 34.6241, 38.3553,
5.9263

■ 34.6241, 38.3553,
5.9263

314.4432,
339.1417, 167.6948

■ 23.5386, 26.2586,
2.7323

■ 66.2409, 72.6524,
18.2527

■ 15.1146, 17.0172,
0.9596

■ 87.5029, 95.6215,
28.2222

■ 8.9867, 10.2467,
0.0000

■ 112.8878,
122.9836, 41.2873

■ 4.7895, 5.5629,
0.0000

■ 142.7610,
155.1230, 57.8664

■ 2.1578, 2.5811,
0.0000

■ 177.4877,
192.4241, 78.3782

■ 0.7204, 0.9172,
0.0000

■ 217.4335,

■ 0.0000, 0.0000,

235.2713, 103.2412

0.0000

262.9635,
284.0490, 132.8738

■ 34.6241, 38.3553,
5.9263

■ 34.6241, 38.3553,
5.9263

■ 34.2973, 37.8082,
5.4901

■ 35.2179, 39.2575,
7.0049

■ 35.9621, 40.2298,
8.8440

■ 36.8796, 41.2829,
11.5602

■ 37.9886, 42.4242,
15.2495

■ 39.3052, 43.6602,
19.9955

■ 40.8434, 44.9965,
25.8727

■ 42.6161, 46.4383,
32.9490

■ 44.6353, 47.9905,
41.2867

■ 46.9121, 49.6576,
50.9442

Harmonies

Analogous

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



46.0421, 38.3553, 7.5082



34.6241, 38.3553, 5.9263



25.6625, 38.3553, 9.3393

Triad

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



34.6241, 38.3553, 5.9263



21.8236, 38.3553, 86.7807



59.0251, 38.3553, 72.5851

Complementary

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



34.6241, 38.3553, 5.9263



9.7730, 4.7973, 47.9875

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.



49.9162, 38.3553, 112.8901



34.6241, 38.3553, 5.9263



28.3016, 38.3553, 123.5635

Square

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



34.6241, 38.3553, 5.9263



19.2764, 38.3553, 47.3284



38.3505, 38.3553, 134.9480



61.6447, 38.3553, 36.6509

Rectangle

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



34.6241, 38.3553, 5.9263



21.7976, 38.3553, 15.9220



38.3505, 38.3553, 134.9480



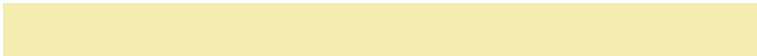
56.5423, 38.3553, 86.5374

Sweetspot

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



34.6250, 38.3571, 5.9271



75.6234, 82.8715, 53.2172



21.1811, 11.0788, 2.6498



15.9720, 17.5820, 10.2940



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.



34.6250, 38.3571, 5.9271



62.0390, 68.2816, 9.9099



26.2856, 40.2386, 6.7298



10.2225, 10.9209, 10.1458



23.3875, 25.8138, 3.7499



0.9439, 1.0667, 0.1561

Inverse Universe

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



9.7730, 4.7973, 47.9875



16.8953, 7.4691, 86.7774



12.2325, 5.4530, 47.9844



9.1058, 9.4038, 12.0074



6.4107, 2.9331, 32.6212



0.2817, 0.1761, 1.2880

Previews

White Background



This preview shows how the XYZ color 34.6241, 38.3553, 5.9263 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 34.6241, 38.3553, 5.9263 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 34.6241, 38.3553, 5.9263

Background



This preview shows how black text looks on a background with the XYZ color 34.6241, 38.3553, 5.9263.



This preview shows how white text looks on a background with the XYZ color 34.6241, 38.3553,

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

34.6241, 38.3553, 5.9263

Protanopia

34.6241, 38.3553, 5.9263

Deuteranopia

38.9701, 38.2213, 6.1877



Tritanopia

41.9851, 38.2385, 41.7271

Trichromacy



Original Color

34.6241, 38.3553, 5.9263

Protanomaly

34.6241, 38.3553, 5.9263

Deuteranomaly

37.2283, 38.0968, 6.0531

Tritanomaly

37.5155, 37.4133, 20.2831

Monochromacy



Original Color

34.6241, 38.3553, 5.9263

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2179, 34.4659, 18.1039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6241, 38.3553, 5.9263 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(188, 167, 12)` looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 12)  
}
```

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(188, 167, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 12) }
```

Border

The CSS property to change the border of an element to XYZ 34.6241, 38.3553, 5.9263 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(188, 167, 12) }
```


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

```
.border{ border-color:rgb(188, 167, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 167, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 12);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6241, 38.3553, 5.9263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 12) }
```

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

```
.background{ background-color: rgb(188,  
167, 12) }
```

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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