

Converting Colors

XYZ(33.2648, 34.6164, 6.5426)

Have a look what the booklet for
XYZ(33.2648, 34.6164, 6.5426)
contains.

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Color

**XYZ(33.2599, 34.5112,
6.4984)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9B23
RGB	190, 155, 35
RGB Percent	75%, 61%, 14%
CMY	0.2549, 0.3921, 0.8627
CMYK	0.00, 0.18, 0.82, 0.25
HSL	46°, 69%, 44%
HSV	46°, 82%, 75%
XYZ	33.2599, 34.5112, 6.4984
YIQ	151.7850, 59.3800, -29.9000

Conversions

Conversions Part 2

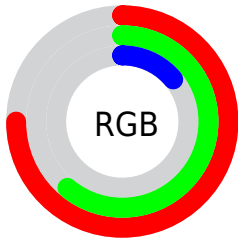
Format	Color
RYB	80, 190, 35
Decimal	12491555
CIELab	65.37, 1.62, 62.13
CIELCh	65, 62.149, 88.502
Yxy	34.5112, 0.4478, 0.4647
Android (android.graphics.Color)	4290681635 (0xFFBE9B23)
YUV	151.7850, -57.5750, 33.5146
Hunter-Lab	58.7462, -1.7459, 34.5638

Details

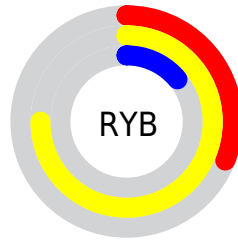
The XYZ color **33.2599, 34.5112, 6.4984** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.1775, 8.4552, 49.7050**, and the grayscale version is **29.9757, 31.5368, 34.3435**.

A 20% lighter version of the original color is **64.1131, 66.6803, 19.3890**, and **14.4660, 14.8062, 2.0954** is the 20% darker color. If you saturate the color by 10%, you get **32.3495, 33.0263, 5.1601**, and if you desaturate by 10%, it is **34.3499, 36.1113, 8.6503**.

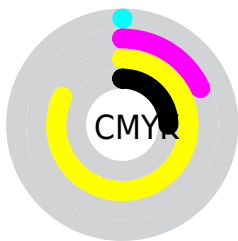
Distribution



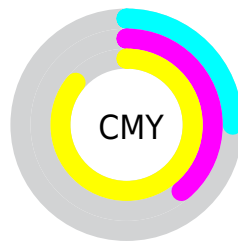
- Red (75%)
- Green (61%)
- Blue (14%)



- Red (31%)
- Yellow (75%)
- Blue (14%)



- Cyan (0%)
- Magenta (18%)
- Yellow (82%)
- Black (25%)





- Cyan (25%)
- Magenta (39%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.2599, 34.5112, 6.4984 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 33.2599, 34.5112, 6.4984 by changing the saturation by 10% instead.


 33.2599, 34.5112,
6.4984


 33.2599, 34.5112,
6.4984

308.4636,
322.4055, 172.8978


 22.4858, 23.2866,
3.0768


 64.1331, 66.7278,
19.4522

 14.3329, 14.8053,
1.1340

 84.9628, 88.4887,
29.8214

 8.4358, 8.6828,
0.0000


 109.8752,
114.5303, 43.3436

 4.4292, 4.5349,
0.0000

 139.2355,
145.2373, 60.4373

 1.9477, 1.9770,
0.0000

 173.4092,
180.9939, 81.5210

 0.6043, 0.5941,
0.0000

 212.7615,

 0.0000, 0.0000,

222.1845, 107.0133

0.0000

257.6578,
269.1936, 137.3327

■ 33.2599, 34.5112,
6.4984

■ 33.2599, 34.5112,
6.4984

■ 32.3495, 33.0263,
5.1601

■ 34.3499, 36.1113,
8.6503

■ 31.6846, 31.8463,
4.4770

■ 35.6390, 37.8307,
11.7277

■ 37.1464, 39.6787,
15.8271

■ 38.8883, 41.6624,
21.0321

■ 40.8790, 43.7878,
27.4179

■ 43.1319, 46.0606,
35.0527

■ 45.6592, 48.4862,
44.0000

■ 48.4722, 51.0694,
54.3185

■ 51.5817, 53.8148,
66.0636

Harmonies

Analogous

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



42.7823, 34.5112, 9.0539



33.2599, 34.5112, 6.4984



25.1645, 34.5112, 8.5577

Triad

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



33.2599, 34.5112, 6.4984



19.7399, 34.5112, 66.8011



50.0303, 34.5112, 70.1752

Complementary

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



33.2599, 34.5112, 6.4984



12.1775, 8.4552, 49.7050

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.



41.8465, 34.5112, 100.7694



33.2599, 34.5112, 6.4984



24.5085, 34.5112, 98.2700

Square

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



33.2599, 34.5112, 6.4984



18.2755, 34.5112, 36.2862



32.3480, 34.5112, 112.8744



53.5043, 34.5112, 38.8977

Rectangle

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



33.2599, 34.5112, 6.4984



21.3979, 34.5112, 13.2490



32.3480, 34.5112, 112.8744



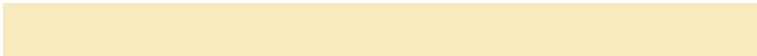
47.6727, 34.5112, 81.3316

Sweetspot

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



33.2607, 34.5129, 6.4991



76.9647, 82.2836, 59.3949



22.9790, 12.6065, 7.2120



16.5758, 17.7415, 11.9393



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.2607, 34.5129, 6.4991



57.4948, 57.8215, 8.2724



31.0505, 43.3063, 8.3129



10.1346, 10.7452, 10.1165



21.1296, 21.2980, 2.9973



0.8734, 0.9257, 0.1327

Inverse Universe

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



12.1775, 8.4552, 49.7050



18.5034, 9.9668, 89.2277



12.9026, 6.4703, 49.2836



9.1866, 9.5655, 12.0343



6.8019, 3.7154, 32.7516



0.3171, 0.2468, 1.2998

Previews

White Background



This preview shows how the XYZ color 33.2599, 34.5112, 6.4984 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 33.2599, 34.5112, 6.4984 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 33.2599, 34.5112, 6.4984

Background



This preview shows how black text looks on a background with the XYZ color 33.2599, 34.5112, 6.4984.



This preview shows how white text looks on a background with the XYZ color 33.2599, 34.5112,

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

33.2599, 34.5112, 6.4984

Protanopia

31.3070, 34.5074, 6.6796

Deuteranopia

35.2200, 34.5461, 6.5620



Tritanopia

39.2627, 34.3526, 36.0138

Trichromacy



Original Color

33.2599, 34.5112, 6.4984

Protanomaly

32.0737, 34.6484, 6.6664

Deuteranomaly

34.3116, 34.3196, 6.4850

Tritanomaly

36.0202, 33.9518, 19.9841

Monochromacy



Original Color

33.2599, 34.5112, 6.4984

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.8774, 31.9936, 19.0687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2599, 34.5112, 6.4984 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(190, 155, 35)` looks like.

```
.text, #text, p{  
    color:rgb(190, 155, 35)  
}
```

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(190, 155, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 155, 35) }
```

Border

The CSS property to change the border of an element to XYZ 33.2599, 34.5112, 6.4984 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(190, 155, 35) }
```


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

```
.border{ border-color:rgb(190, 155, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 155, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 155, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 155, 35);  
box-shadow:4px 4px 4px 4px rgb(190, 155,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2599, 34.5112, 6.4984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 155, 35) }
```

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

```
.background{ background-color: rgb(190,  
155, 35) }
```

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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