

Converting Colors

XYZ(34.1468, 35.2041, 10.5316)

Have a look what the booklet for
XYZ(34.1468, 35.2041, 10.5316)
contains.

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Color

**XYZ(34.1671, 35.1414,
10.4510)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9C44
RGB	190, 156, 68
RGB Percent	75%, 61%, 27%
CMY	0.2549, 0.3882, 0.7333
CMYK	0.00, 0.18, 0.64, 0.25
HSL	43°, 48%, 51%
HSV	43°, 64%, 75%
XYZ	34.1671, 35.1414, 10.4510
YIQ	156.1340, 48.5120, -20.1600

Conversions

Conversions Part 2

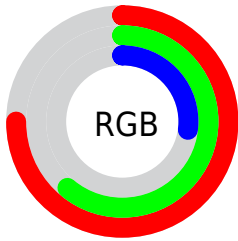
Format	Color
RYB	115, 190, 68
Decimal	12491844
CIELab	65.86, 2.68, 49.56
CIELCh	66, 49.636, 86.907
Yxy	35.1414, 0.4284, 0.4406
Android (android.graphics.Color)	4290681924 (0xFFBE9C44)
YUV	156.1340, -43.4501, 29.7005
Hunter-Lab	59.2802, -0.8589, 31.0434

Details

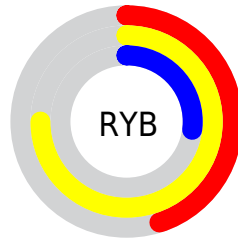
The XYZ color **34.1671, 35.1414, 10.4510** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **16.4294, 14.4490, 50.6381**, and the grayscale version is **31.8334, 33.4912, 36.4719**.

A 20% lighter version of the original color is **65.5037, 67.5890, 27.3629**, and **14.7971, 15.1188, 2.5191** is the 20% darker color. If you saturate the color by 10%, you get **32.8097, 33.2090, 7.5867**, and if you desaturate by 10%, it is **35.7528, 37.2298, 14.3190**.

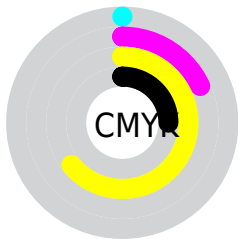
Distribution



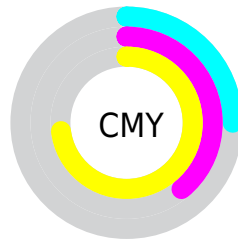
- Red (75%)
- Green (61%)
- Blue (27%)



- Red (45%)
- Yellow (75%)
- Blue (27%)



- Cyan (0%)
- Magenta (18%)
- Yellow (64%)
- Black (25%)



- Cyan (25%)
- Magenta (39%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1671, 35.1414, 10.4510 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 34.1671, 35.1414, 10.4510 by changing the saturation by 10% instead.

■ 34.1671, 35.1414,
10.4510

■ 34.1671, 35.1414,
10.4510

312.4493,
325.1920, 204.4617

■ 23.1855, 23.7718,
5.5895

■ 65.5360, 67.7048,
27.2614

■ 14.8520, 15.1644,
2.5324

■ 86.6540, 89.6673,
40.0473

■ 8.8012, 8.9349,
0.8573

■ 111.8815,
115.9297, 56.3118

■ 4.6678, 4.6987,
0.0000

■ 141.5839,
146.8762, 76.4734

■ 2.0864, 2.0716,
0.0000

■ 176.1266,
182.8913, 100.9507

■ 0.6818, 0.6486,
0.0000

215.8748,

■ 0.0000, 0.0000,

224.3594, 130.1621

0.0000

261.1939,
271.6648, 164.5263

■ 34.1671, 35.1414,
10.4510

■ 34.1671, 35.1414,
10.4510

■ 32.8097, 33.2090,
7.5867

■ 35.7528, 37.2298,
14.3190

■ 31.6586, 31.4191,
5.6244

■ 37.5812, 39.4766,
19.2753

■ 30.6915, 29.7630,
4.4439

■ 39.6682, 41.8903,
25.3978

■ 30.1888, 28.8543,
3.9783

■ 42.0276, 44.4773,
32.7564

■ 44.6720, 47.2431,
41.4158

■ 47.6133, 50.1934,
51.4361

■ 50.8626, 53.3333,
62.8734

■ 54.4303, 56.6676,
75.7810

■ 58.3264, 60.2010,
90.2090

Harmonies

Analogous

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



41.7035, 35.1414, 13.4279



34.1671, 35.1414, 10.4510



27.4192, 35.1414, 12.3732

Triad

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



34.1671, 35.1414, 10.4510



22.3418, 35.1414, 59.5945



46.6569, 35.1414, 64.8081

Complementary

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



34.1671, 35.1414, 10.4510



16.4294, 14.4490, 50.6381

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.



40.1948, 35.1414, 86.7328



34.1671, 35.1414, 10.4510



26.2805, 35.1414, 83.0286

Square

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



34.1671, 35.1414, 10.4510



21.2099, 35.1414, 36.1261



32.6461, 35.1414, 94.3878



49.5462, 35.1414, 40.4825

Rectangle

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



34.1671, 35.1414, 10.4510



24.1284, 35.1414, 16.7789



32.6461, 35.1414, 94.3878



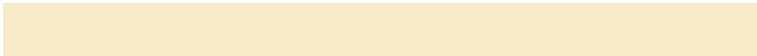
44.7882, 35.1414, 73.0002

Sweetspot

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



34.1679, 35.1431, 10.4517



78.4433, 83.0151, 66.7495



25.7290, 16.0523, 14.4610



16.9257, 17.9137, 13.6831



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.



34.1679, 35.1431, 10.4517



58.5708, 58.8395, 12.1267



34.6775, 45.0908, 12.3449



10.0914, 10.6588, 10.1021



20.1426, 19.3240, 2.6683



0.8414, 0.8618, 0.1220

Inverse Universe

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



16.4294, 14.4490, 50.6381



24.0956, 18.7475, 90.6278



16.0224, 10.2550, 49.8501



9.2271, 9.6466, 12.0479



7.0829, 4.2775, 32.8452



0.3346, 0.2819, 1.3056

Previews

White Background



This preview shows how the XYZ color 34.1671, 35.1414, 10.4510 looks on a white background.

Color Contrast Check

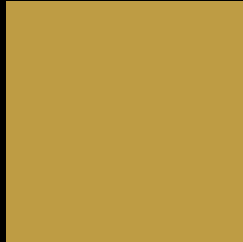
Large Text (above 18pt) WCAG AA × Fail

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 34.1671, 35.1414, 10.4510 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 34.1671, 35.1414, 10.4510

Background



This preview shows how black text looks on a background with the XYZ color 34.1671, 35.1414, 10.4510.



This preview shows how white text looks on a background with the XYZ color 34.1671, 35.1414,

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

34.1671, 35.1414, 10.4510

Protanopia

32.0051, 35.0363, 10.7061

Deuteranopia

35.8556, 35.0283, 10.5016



Tritanopia

39.6312, 35.2064, 37.0545

Trichromacy



Original Color

34.1671, 35.1414, 10.4510

Protanomaly

32.7637, 35.1710, 10.6921

Deuteranomaly

35.2304, 34.9479, 10.5190

Tritanomaly

36.8562, 34.7627, 24.1694

Monochromacy



Original Color

34.1671, 35.1414, 10.4510

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.6750, 33.5570, 23.8765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1671, 35.1414, 10.4510 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, 156, 68)` looks like.

```
.text, #text, p{  
    color:rgb(190, 156, 68)  
}
```

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, 156, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 156, 68) }
```

Border

The CSS property to change the border of an element to XYZ 34.1671, 35.1414, 10.4510 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, 156, 68) }
```


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

```
.border{ border-color:rgb(190, 156, 68) }
```

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

Here you see how a box with a 4 pixel rgb(190, 156, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 156, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 156, 68);  
box-shadow:4px 4px 4px 4px rgb(190, 156,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1671, 35.1414, 10.4510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 156, 68) }
```

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

```
.background{ background-color: rgb(190,  
156, 68) }
```

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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