

Converting Colors

XYZ(23.5395, 34.9220, 14.9876)

Have a look what the booklet for
XYZ(23.5395, 34.9220, 14.9876)
contains.

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Color

**XYZ(23.5128, 34.9601,
14.9599)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB059
RGB	108, 176, 89
RGB Percent	42%, 69%, 35%
CMY	0.5765, 0.3098, 0.6510
CMYK	0.39, 0.00, 0.49, 0.31
HSL	107°, 36%, 52%
HSV	107°, 49%, 69%
XYZ	23.5128, 34.9601, 14.9599
YIQ	145.7500, -12.6010, -41.4730

Conversions

Conversions Part 2

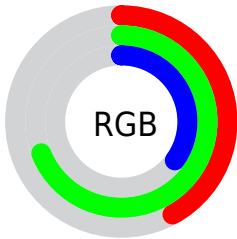
Format	Color
RYB	89, 176, 157
Decimal	7123033
CIELab	65.72, -38.35, 37.69
CIELCh	66, 53.774, 135.500
Yxy	34.9601, 0.3202, 0.4761
Android (android.graphics.Color)	4285313113 (0xFF6CB059)
YUV	145.7500, -27.9778, -33.1067
Hunter-Lab	59.1271, -32.4891, 26.3878

Details

The XYZ color **23.5128, 34.9601, 14.9599** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **25.3153, 17.4486, 43.1099**, and the grayscale version is **27.3345, 28.7581, 31.3175**.

A 20% lighter version of the original color is **48.7686, 67.4228, 35.6428**, and **8.9873, 15.1034, 4.4490** is the 20% darker color. If you saturate the color by 10%, you get **21.3174, 33.9048, 11.4498**, and if you desaturate by 10%, it is **26.1507, 36.2252, 19.4145**.

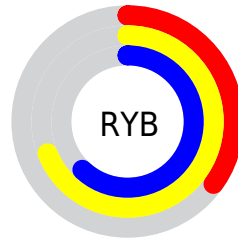
Distribution



Red (42%)

Green (69%)

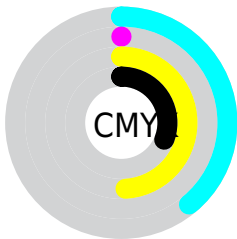
Blue (35%)



Red (35%)

Yellow (69%)

Blue (62%)

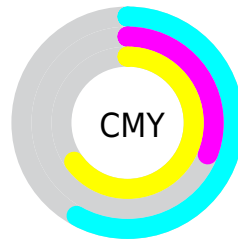


Cyan (39%)

Magenta (0%)

Yellow (49%)

Black (31%)



Cyan (58%)

Magenta (31%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5128, 34.9601, 14.9599 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 23.5128, 34.9601, 14.9599 by changing the saturation by 10% instead.

■ 23.5128, 34.9601,
14.9599

■ 23.5128, 34.9601,
14.9599

262.8344,
324.3922, 234.7558

■ 15.0954, 23.6321,
8.6449

■ 48.6945, 67.4240,
35.5241

■ 8.9731, 15.0610,
4.4167

■ 66.1894, 89.3286,
50.6105

■ 4.7806, 8.8622,
1.8566

■ 87.4410, 115.5277,
69.4577

■ 2.1526, 4.6514,
0.4649

■ 112.8144,
146.4055, 92.4843

■ 0.7175, 2.0442,
0.0000

142.6751,
182.3464, 120.1089

■ 0.0000, 0.6330,
0.0000

177.3885,

■ 0.0000, 0.0000,

223.7349, 152.7500

0.0000

217.3198,
270.9554, 190.8261

■ 23.5128, 34.9601,
14.9599

■ 23.5128, 34.9601,
14.9599

■ 21.3174, 33.9048,
11.4498

■ 26.1507, 36.2252,
19.4145

■ 19.5367, 33.0433,
8.8140

■ 29.2516, 37.7062,
24.8725

■ 18.1437, 32.3645,
6.9759


■ 32.8378, 39.4144,
31.3909


■ 17.1069, 31.8539,
5.8452


■ 36.9293, 41.3589,
39.0216

■ 16.3764, 31.4899,
5.2438


■ 41.5450, 43.5486,
47.8133

 16.3414, 31.4725,
5.2135

 46.7028, 45.9916,
57.8114

 52.4198, 48.6958,
69.0594

 58.7123, 51.6687,
81.5983

 65.5958, 54.9174,
95.4672

Harmonies

Analogous

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



29.3251, 34.9601, 9.6188



23.5128, 34.9601, 14.9599



20.5650, 34.9601, 28.1624

Triad

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



23.5128, 34.9601, 14.9599



29.5619, 34.9601, 97.7756



50.1571, 34.9601, 27.5655

Complementary

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



23.5128, 34.9601, 14.9599



25.3153, 17.4486, 43.1099

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.



50.2476, 34.9601, 50.0545



23.5128, 34.9601, 14.9599



37.4638, 34.9601, 97.4068

Square

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



23.5128, 34.9601, 14.9599



23.6623, 34.9601, 78.3837



45.3082, 34.9601, 77.5162



45.0776, 34.9601, 14.6731

Rectangle

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



23.5128, 34.9601, 14.9599



20.2653, 34.9601, 42.3978



45.3082, 34.9601, 77.5162



50.7959, 34.9601, 34.0390

Sweetspot

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



23.5137, 34.9616, 14.9607



62.5343, 72.8985, 62.4491



31.5474, 33.6294, 14.2801



13.2295, 15.6448, 12.9345



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



23.5137, 34.9616, 14.9607



38.4459, 61.3855, 20.4343



22.5821, 34.3505, 20.8286



8.5568, 9.5766, 9.0500



12.0316, 23.1126, 3.8270



0.4281, 0.7528, 0.1227

Inverse Universe

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



25.3153, 17.4486, 43.1099



42.0256, 25.9776, 77.2945



27.2115, 18.6691, 32.2212



8.6649, 8.5513, 10.7002



13.4389, 6.2638, 30.6377



0.4680, 0.2204, 0.9661

Previews

White Background



This preview shows how the XYZ color 23.5128, 34.9601, 14.9599 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 23.5128, 34.9601, 14.9599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

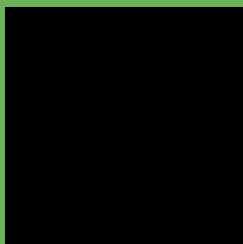
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5128, 34.9601, 14.9599

Background



This preview shows how black text looks on a background with the XYZ color 23.5128, 34.9601, 14.9599.



This preview shows how white text looks on a background with the XYZ color 23.5128, 34.9601,

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

23.5128, 34.9601, 14.9599

Protanopia

31.6387, 34.5348, 13.1820

Deuteranopia

35.2861, 34.6202, 15.6491



Tritanopia

30.0851, 34.8122, 47.7816

Trichromacy



Original Color

23.5128, 34.9601, 14.9599

Protanomaly

27.8573, 34.1455, 13.7168

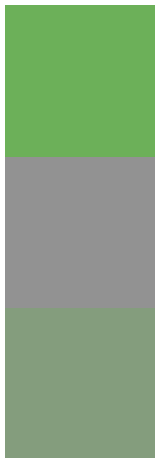
Deuteranomaly

29.6209, 33.9614, 15.3499

Tritanomaly

27.0342, 34.6763, 32.4625

Monochromacy



Original Color

23.5128, 34.9601, 14.9599

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.2744, 30.5001, 23.9571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5128, 34.9601, 14.9599 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(108, 176, 89)` looks like.

```
.text, #text, p{  
    color:rgb(108, 176, 89)  
}
```

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(108, 176, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 176, 89) }
```

Border

The CSS property to change the border of an element to XYZ 23.5128, 34.9601, 14.9599 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(108, 176, 89) }
```


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

```
.border{ border-color:rgb(108, 176, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 176, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 176, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 176, 89);  
box-shadow:4px 4px 4px 4px rgb(108, 176,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5128, 34.9601, 14.9599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 176, 89) }
```

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

```
.background{ background-color: rgb(108,  
176, 89) }
```

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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