

Converting Colors

XYZ(23.0505, 34.0408, 6.5180)

Have a look what the booklet for
XYZ(23.0505, 34.0408, 6.5180)
contains.

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Color

**XYZ(23.0505, 34.0408,
6.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	79AD1D
RGB	121, 173, 29
RGB Percent	47%, 68%, 11%
CMY	0.5255, 0.3216, 0.8862
CMYK	0.30, 0.00, 0.83, 0.32
HSL	82°, 71%, 40%
HSV	82°, 83%, 68%
XYZ	23.0505, 34.0408, 6.5180
YIQ	141.0360, 15.2320, -55.8080

Conversions

Conversions Part 2

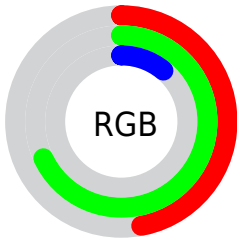
Format	Color
RYB	29, 173, 81
Decimal	7974173
CIELab	64.99, -37.31, 61.41
CIELCh	65, 71.855, 121.282
Yxy	34.0408, 0.3624, 0.5352
Android (android.graphics.Color)	4286164253 (0xFF79AD1D)
YUV	141.0360, -55.2337, -17.5716
Hunter-Lab	58.3445, -31.5818, 34.2175

Details

The XYZ color **23.0505, 34.0408, 6.5180** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **11.3770, 5.6462, 40.0273**, and the grayscale version is **25.5383, 26.8683, 29.2596**.

A 20% lighter version of the original color is **47.9122, 66.0903, 19.4640**, and **8.9632, 14.5912, 2.3440** is the 20% darker color. If you saturate the color by 10%, you get **22.0465, 33.5425, 5.6509**, and if you desaturate by 10%, it is **24.2329, 34.6194, 8.0216**.

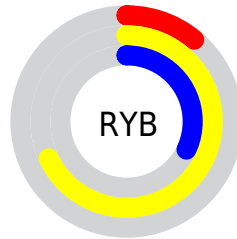
Distribution



Red (47%)

Green (68%)

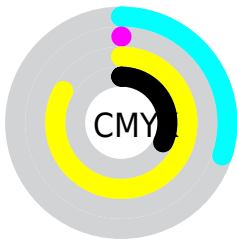
Blue (11%)



Red (11%)

Yellow (68%)

Blue (32%)

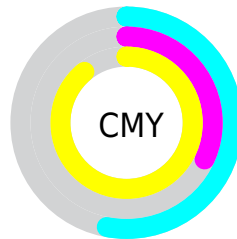


Cyan (30%)

Magenta (0%)

Yellow (83%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0505, 34.0408, 6.5180 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 23.0505, 34.0408, 6.5180 by changing the saturation by 10% instead.

■ 23.0505, 34.0408,
6.5180

■ 23.0505, 34.0408,
6.5180

260.5148,
320.3139, 173.0724

■ 14.7517, 22.9249,
3.0887

■ 47.9423, 65.9971,
19.4929

■ 8.7305, 14.5381,
1.1401

■ 65.2660, 87.6064,
29.8755

■ 4.6215, 8.4959,
0.0000

■ 86.3287, 113.4822,
43.4130

■ 2.0594, 4.4138,
0.0000

■ 111.4957,
144.0090, 60.5239

■ 0.6670, 1.9076,
0.0000

■ 141.1325,
179.5712, 81.6268

■ 0.0000, 0.5530,
0.0000

■ 175.6044,

■ 0.0000, 0.0000,

220.5531, 107.1401

0.0000

215.2767,
267.3393, 137.4825

■ 23.0505, 34.0408,
6.5180

■ 23.0505, 34.0408,
6.5180

■ 22.0465, 33.5425,
5.6509

■ 24.2329, 34.6194,
8.0216

■ 21.4401, 33.2373,
5.2854

■ 25.6099, 35.2813,
10.2523

■ 27.1981, 36.0345,
13.2884

■ 29.0114, 36.8846,
17.1973

■ 31.0620, 37.8367,
22.0397

■ 33.3615, 38.8955,
27.8705

■ 35.9203, 40.0652,
34.7406

■ 38.7484, 41.3499,
42.6973

■ 41.8550, 42.7535,
51.7850

Harmonies

Analogous

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



31.9099, 34.0408, 4.2437



23.0505, 34.0408, 6.5180



17.8066, 34.0408, 15.8098

Triad

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



23.0505, 34.0408, 6.5180



23.6735, 34.0408, 113.2901



56.7191, 34.0408, 35.7995

Complementary

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



23.0505, 34.0408, 6.5180



11.3770, 5.6462, 40.0273

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.



53.2278, 34.0408, 71.9138



23.0505, 34.0408, 6.5180



32.8037, 34.0408, 128.7358

Square

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



23.0505, 34.0408, 6.5180



18.1084, 34.0408, 75.4176



43.8763, 34.0408, 110.6159



52.6075, 34.0408, 14.5866

Rectangle

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



23.0505, 34.0408, 6.5180



16.3528, 34.0408, 29.0511



43.8763, 34.0408, 110.6159



56.3914, 34.0408, 46.4310

Sweetspot

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



23.0513, 34.0423, 6.5187



58.7993, 69.2220, 47.4546



20.2816, 14.6241, 2.9166



12.4712, 14.9022, 9.5288



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.0513, 34.0423, 6.5187



38.1531, 59.3983, 9.4541



16.5117, 30.6710, 6.2127



8.3779, 9.1834, 8.5444



15.8143, 24.4496, 3.8858



0.4969, 0.7095, 0.1108

Inverse Universe

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



11.3770, 5.6462, 40.0273



16.9058, 7.1547, 71.2957



20.8204, 10.5144, 40.4693



7.8418, 7.8927, 10.0628



7.0807, 3.0101, 29.2523



0.2579, 0.1151, 0.8166

Previews

White Background



This preview shows how the XYZ color 23.0505, 34.0408, 6.5180 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 23.0505, 34.0408, 6.5180 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 23.0505, 34.0408, 6.5180

Background



This preview shows how black text looks on a background with the XYZ color 23.0505, 34.0408, 6.5180.



This preview shows how white text looks on a background with the XYZ color 23.0505, 34.0408,

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

23.0505, 34.0408, 6.5180

Protanopia

30.3639, 33.5312, 5.7915

Deuteranopia

34.2094, 33.5396, 6.9563



Tritanopia

30.7014, 33.8641, 44.9627

Trichromacy



Original Color

23.0505, 34.0408, 6.5180

Protanomaly

27.1883, 33.4371, 5.9983

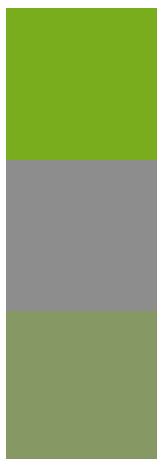
Deuteranomaly

28.9389, 33.0287, 6.6837

Tritanomaly

26.2664, 33.1160, 23.0968

Monochromacy



Original Color

23.0505, 34.0408, 6.5180

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

23.5230, 28.7709, 16.3701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0505, 34.0408, 6.5180 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(121, 173, 29)` looks like.

```
.text, #text, p{  
    color:rgb(121, 173, 29)  
}
```

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(121, 173, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 173, 29) }
```

Border

The CSS property to change the border of an element to XYZ 23.0505, 34.0408, 6.5180 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(121, 173, 29) }
```


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

```
.border{ border-color:rgb(121, 173, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 173, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 173, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 173, 29);  
box-shadow:4px 4px 4px 4px rgb(121, 173,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0505, 34.0408, 6.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 173, 29) }
```

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

```
.background{ background-color: rgb(121,  
173, 29) }
```

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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