

Converting Colors

XYZ(23.1008, 34.0472, 14.1933)

Have a look what the booklet for
XYZ(23.1008, 34.0472, 14.1933)
contains.

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Color

**XYZ(23.2462, 34.2590,
14.1915)**

Conversions

Conversions Part 1

Format	Color
Hex	6EAE56
RGB	110, 174, 86
RGB Percent	43%, 68%, 34%
CMY	0.5686, 0.3176, 0.6627
CMYK	0.37, 0.00, 0.51, 0.32
HSL	104°, 35%, 51%
HSV	104°, 51%, 68%
XYZ	23.2462, 34.2590, 14.1915
YIQ	144.8320, -9.8960, -40.9360

Conversions

Conversions Part 2

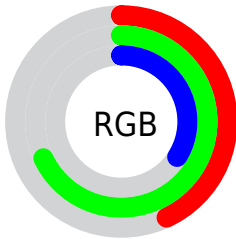
Format	Color
RYB	86, 174, 150
Decimal	7253590
CIELab	65.17, -37.17, 38.54
CIElCh	65, 53.548, 133.967
Yxy	34.2590, 0.3242, 0.4778
Android (android.graphics.Color)	4285443670 (0xFF6EAE56)
YUV	144.8320, -29.0042, -30.5477
Hunter-Lab	58.5312, -31.5367, 26.5963

Details

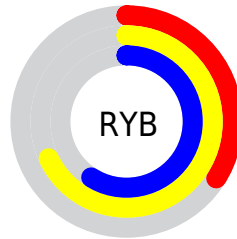
The XYZ color **23.2462, 34.2590, 14.1915** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **23.5470, 16.1966, 41.9315**, and the grayscale version is **26.9631, 28.3673, 30.8920**.

A 20% lighter version of the original color is **48.4013, 66.4279, 34.3156**, and **8.8586, 14.6782, 4.1165** is the 20% darker color. If you saturate the color by 10%, you get **21.1653, 33.2587, 10.8697**, and if you desaturate by 10%, it is **25.7244, 35.4465, 18.4242**.

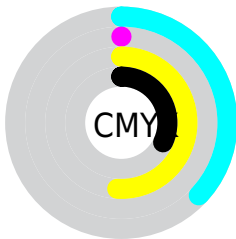
Distribution



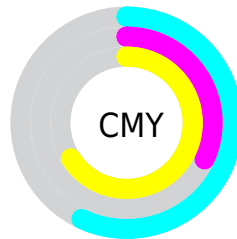
- Red (43%)
- Green (68%)
- Blue (34%)



- Red (34%)
- Yellow (68%)
- Blue (59%)



- Cyan (37%)
- Magenta (0%)
- Yellow (51%)
- Black (32%)





- Cyan (57%)
- Magenta (32%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.2462, 34.2590, 14.1915 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 23.2462, 34.2590, 14.1915 by changing the saturation by 10% instead.


 23.2462, 34.2590,
14.1915


 23.2462, 34.2590,
14.1915

261.4988,
321.2854, 229.8886


 14.8971, 23.0926,
8.1137


 48.2610, 66.3362,
34.1504

 8.8330, 14.6619,
4.0790


 65.6573, 88.0159,
48.8687


 4.6887, 8.5825,
1.6688


 86.8002, 113.9688,
67.3041

 2.0986, 4.4699,
0.3392

 112.0548,
144.5793, 89.8753

 0.6885, 1.9397,
0.0000

 141.7867,
180.2318, 117.0008

 0.0000, 0.5721,
0.0000

176.3610,

 0.0000, 0.0000,

221.3107, 149.0992

0.0000

216.1433,
268.2005, 186.5890

■ 23.2462, 34.2590,
14.1915

■ 23.2462, 34.2590,
14.1915

■ 21.1653, 33.2587,
10.8697

■ 25.7244, 35.4465,
18.4242

■ 19.4570, 32.4311,
8.3897

■ 28.6177, 36.8259,
23.6257

■ 18.0977, 31.7669,
6.6762

■ 31.9456, 38.4071,
29.8516

■ 17.0595, 31.2536,
5.6395

■ 35.7258, 40.1982,
37.1529

■ 16.3300, 30.8886,
5.1014

■ 39.9748, 42.2066,
45.5770

■ 44.7084, 44.4395,
55.1686

■ 49.9417, 46.9037,
65.9698

■ 55.6888, 49.6057,
78.0207

■ 61.9636, 52.5517,
91.3597

Harmonies

Analogous

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



29.0852, 34.2590, 9.2686



23.2462, 34.2590, 14.1915



20.2025, 34.2590, 26.6814

Triad

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



23.2462, 34.2590, 14.1915



28.6047, 34.2590, 95.4458



49.3333, 34.2590, 27.8925

Complementary

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



23.2462, 34.2590, 14.1915



23.5470, 16.1966, 41.9315

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.



49.1494, 34.2590, 50.4229



23.2462, 34.2590, 14.1915



36.3057, 34.2590, 96.1957

Square

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



23.2462, 34.2590, 14.1915



22.9429, 34.2590, 75.6252



44.0839, 34.2590, 77.3882



44.5523, 34.2590, 14.7727

Rectangle

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



23.2462, 34.2590, 14.1915



19.8081, 34.2590, 40.3433



44.0839, 34.2590, 77.3882



49.8710, 34.2590, 34.4179

Sweetspot

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



23.2470, 34.2605, 14.1923



61.4796, 71.3402, 60.9277



29.8947, 31.1880, 13.2488



13.3524, 15.7082, 12.9403



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.



23.2470, 34.2605, 14.1923



37.8812, 60.0796, 18.9438



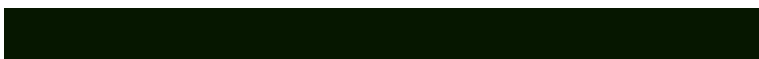
21.5281, 33.2734, 18.6710



8.1018, 9.0411, 8.5315



11.8939, 22.4286, 3.7023



0.3837, 0.6512, 0.1055

Inverse Universe

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



23.5470, 16.1966, 41.9315



38.4252, 23.4509, 75.1381



26.6954, 18.0195, 33.0536



8.1209, 8.0366, 10.0759



11.9000, 5.4946, 29.4779



0.3798, 0.1780, 0.8223

Previews

White Background



This preview shows how the XYZ color 23.2462, 34.2590, 14.1915 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 23.2462, 34.2590, 14.1915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

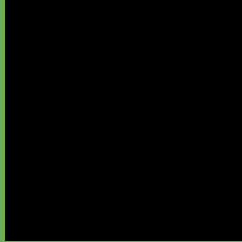
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.2462, 34.2590, 14.1915

Background



This preview shows how black text looks on a background with the XYZ color 23.2462, 34.2590, 14.1915.



This preview shows how white text looks on a background with the XYZ color 23.2462, 34.2590,

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

23.2462, 34.2590, 14.1915

Protanopia

31.1304, 34.0316, 12.5174

Deuteranopia

34.3240, 33.6618, 14.8135



Tritanopia

29.6687, 34.0852, 46.6104

Trichromacy



Original Color

23.2462, 34.2590, 14.1915

Protanomaly

27.5609, 33.7394, 13.0424

Deuteranomaly

29.1439, 33.2158, 14.5481

Tritanomaly

26.7824, 34.0119, 31.5389

Monochromacy



Original Color

23.2462, 34.2590, 14.1915

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.0423, 30.1377, 23.5661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2462, 34.2590, 14.1915 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(110, 174, 86)` looks like.

```
.text, #text, p{  
    color:rgb(110, 174, 86)  
}
```

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(110, 174, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 174, 86) }
```

Border

The CSS property to change the border of an element to XYZ 23.2462, 34.2590, 14.1915 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(110, 174, 86) }
```


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

```
.border{ border-color:rgb(110, 174, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 174, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 174, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 174, 86);  
box-shadow:4px 4px 4px 4px rgb(110, 174,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2462, 34.2590, 14.1915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 174, 86) }
```

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

```
.background{ background-color: rgb(110,  
174, 86) }
```

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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