

Converting Colors

XYZ(14.1554, 23.4579, 5.2211)

Have a look what the booklet for
XYZ(14.1554, 23.4579, 5.2211)
contains.

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Color

**XYZ(14.1614, 23.4590,
5.2205)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9621
RGB	76, 150, 33
RGB Percent	30%, 59%, 13%
CMY	0.7020, 0.4118, 0.8706
CMYK	0.49, 0.00, 0.78, 0.41
HSL	98°, 64%, 36%
HSV	98°, 78%, 59%
XYZ	14.1614, 23.4590, 5.2205
YIQ	114.5360, -6.5470, -52.0750

Conversions

Conversions Part 2

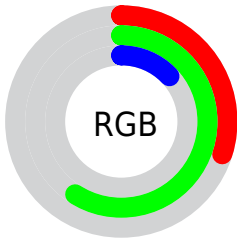
Format	Color
R_{YB}	33, 150, 107
Decimal	5019169
CIE Lab	55.54, -43.30, 50.69
CIE LCh	56, 66.668, 130.505
Yxy	23.4590, 0.3306, 0.5476
Android (android.graphics.Color)	4283209249 (0xFF4C9621)
YUV	114.5360, -40.1972, -33.7961
Hunter-Lab	48.4345, -32.5701, 27.5136

Details

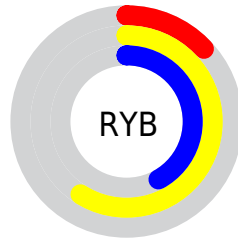
The XYZ color **14.1614, 23.4590, 5.2205** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **12.1135, 6.4163, 29.4554**, and the grayscale version is **16.2750, 17.1226, 18.6465**.

A 20% lighter version of the original color is **33.0673, 49.2563, 16.7814**, and **4.4678, 8.7870, 1.4606** is the 20% darker color. If you saturate the color by 10%, you get **13.2975, 23.0335, 4.3175**, and if you desaturate by 10%, it is **15.2312, 23.9813, 6.6229**.

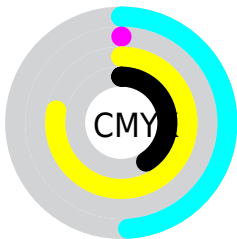
Distribution



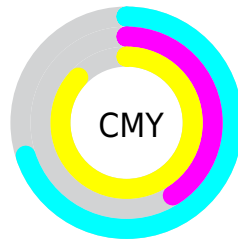
- Red (30%)
- Green (59%)
- Blue (13%)



- Red (13%)
- Yellow (59%)
- Blue (42%)



- Cyan (49%)
- Magenta (0%)
- Yellow (78%)
- Black (41%)



- Cyan (70%)
- Magenta (41%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1614, 23.4590, 5.2205 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 14.1614, 23.4590, 5.2205 by changing the saturation by 10% instead.

■ 14.1614, 23.4590,
5.2205

■ 14.1614, 23.4590,
5.2205

211.7232,
270.0738, 160.9543

■ 8.3155, 14.9328,
2.3162

■ 32.9590, 49.1459,
16.7390

■ 4.3510, 8.7722,
0.7403

■ 46.6414, 67.0754,
26.1902

■ 1.9025, 4.5929,
0.0000

■ 63.6666, 88.9081,
38.6609

■ 0.5783, 2.0105,
0.0000

■ 84.4001, 115.0285,
54.5695

■ 0.0000, 0.6135,
0.0000

■ 109.2071,
145.8208, 74.3346

■ 0.0000, 0.0000,
0.0000

■ 138.4531,

181.6695, 98.3748

172.5033,
222.9591, 127.1085

■ 14.1614, 23.4590,
5.2205

■ 14.1614, 23.4590,
5.2205

■ 13.2975, 23.0335,
4.3175

■ 15.2312, 23.9813,
6.6229

■ 12.6121, 22.6908,
3.8013

■ 16.5210, 24.6042,
8.5818

■ 12.4892, 22.6294,
3.7097

■ 18.0451, 25.3347,
11.1478

■ 19.8160, 26.1782,
14.3658

■ 21.8454, 27.1399,
18.2763

■ 24.1438, 28.2245,
22.9164

■ 26.7215, 29.4364,
28.3208

■ 29.5880, 30.7798,
34.5217

■ 32.7523, 32.2588,
41.5498

Harmonies

Analogous

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



19.7630, 23.4590, 2.6279



14.1614, 23.4590, 5.2205



11.2542, 23.4590, 14.0643

Triad

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



14.1614, 23.4590, 5.2205



17.8108, 23.4590, 87.8550



39.7528, 23.4590, 18.7115

Complementary

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



14.1614, 23.4590, 5.2205



12.1135, 6.4163, 29.4554

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.



38.8964, 23.4590, 42.0076



14.1614, 23.4590, 5.2205



25.0390, 23.4590, 91.7394

Square

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



14.1614, 23.4590, 5.2205



13.0098, 23.4590, 62.9919



33.0707, 23.4590, 71.7481



35.1994, 23.4590, 6.9807

Rectangle

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



14.1614, 23.4590, 5.2205



10.7371, 23.4590, 25.9096



33.0707, 23.4590, 71.7481



40.1094, 23.4590, 25.1796

Sweetspot

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



14.1619, 23.4600, 5.2210



40.3337, 48.7363, 35.8097



17.9200, 16.7286, 3.7237



8.6499, 10.6643, 7.3585



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.1619, 23.4600, 5.2210



22.5006, 40.1643, 6.9026



12.0403, 22.3395, 6.3303



5.9189, 6.5660, 6.1959



10.3908, 18.7845, 3.0781



0.1576, 0.2456, 0.0391

Inverse Universe

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



12.1135, 6.4163, 29.4554



18.5727, 8.6408, 51.6102



17.5913, 9.3599, 24.3039



5.8308, 5.8037, 7.2827



8.5052, 3.8572, 24.2273



0.1366, 0.0640, 0.2981

Previews

White Background



This preview shows how the XYZ color 14.1614, 23.4590, 5.2205 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1614, 23.4590, 5.2205 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 × Fail

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

XYZ 14.1614, 23.4590, 5.2205

Background



This preview shows how black text looks on a background with the XYZ color 14.1614, 23.4590, 5.2205.



This preview shows how white text looks on a background with the XYZ color 14.1614, 23.4590,

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

14.1614, 23.4590, 5.2205

Protanopia

21.0037, 23.2533, 4.5437

Deuteranopia

23.4325, 23.1029, 5.6071



Tritanopia

19.6833, 23.4234, 32.7619

Trichromacy



Original Color

14.1614, 23.4590, 5.2205

Protanomaly

17.4930, 22.6966, 4.6872

Deuteranomaly

18.7198, 22.4677, 5.3575

Tritanomaly

16.7045, 23.1039, 17.7664

Monochromacy



Original Color

14.1614, 23.4590, 5.2205

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.7257, 18.8609, 11.4587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1614, 23.4590, 5.2205 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(76, 150, 33)` looks like.

```
.text, #text, p{  
    color:rgb(76, 150, 33)  
}
```

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(76, 150, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 150, 33) }
```

Border

The CSS property to change the border of an element to XYZ 14.1614, 23.4590, 5.2205 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(76, 150, 33) }
```


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

```
.border{ border-color:rgb(76, 150, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 150, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 150, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 150, 33);  
box-shadow:4px 4px 4px 4px rgb(76, 150,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1614, 23.4590, 5.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 150, 33) }
```

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

```
.background{ background-color: rgb(76, 150,  
33) }
```

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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