

Converting Colors

XYZ(14.6211, 25.1374, 6.2719)

Have a look what the booklet for
XYZ(14.6211, 25.1374, 6.2719)
contains.

XYZ(14.6211, 25.1374, 6.2719)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6211, 25.1374,
6.2719)**

Conversions

Conversions Part 1

Format	Color
Hex	439C2A
RGB	67, 156, 42
RGB Percent	26%, 61%, 16%
CMY	0.7373, 0.3882, 0.8353
CMYK	0.57, 0.00, 0.73, 0.39
HSL	107°, 58%, 39%
HSV	107°, 73%, 61%
XYZ	14.6211, 25.1374, 6.2719
YIQ	116.3930, -16.4500, -54.3220

Conversions

Conversions Part 2

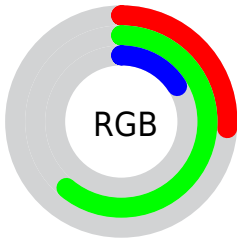
Format	Color
R_{YB}	42, 156, 131
Decimal	4430890
CIE _{Lab}	57.21, -47.65, 48.98
CIE _{LCh}	57, 68.335, 134.210
Yxy	25.1374, 0.3176, 0.5461
Android (android.graphics.Color)	4282620970 (0xFF439C2A)
YUV	116.3930, -36.6757, -43.3177
Hunter-Lab	50.1372, -35.6856, 27.6792

Details

The XYZ color **14.6211, 25.1374, 6.2719** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **16.1905, 8.8826, 32.3151**, and the grayscale version is **16.8347, 17.7114, 19.2878**.

A 20% lighter version of the original color is **33.6720, 51.6998, 19.0308**, and **4.9503, 9.9006, 1.6501** is the 20% darker color. If you saturate the color by 10%, you get **13.6457, 24.6615, 5.0421**, and if you desaturate by 10%, it is **15.8821, 25.7494, 8.0835**.

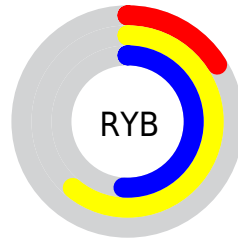
Distribution



Red (26%)

Green (61%)

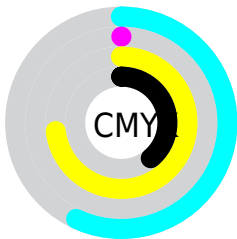
Blue (16%)



Red (16%)

Yellow (61%)

Blue (51%)

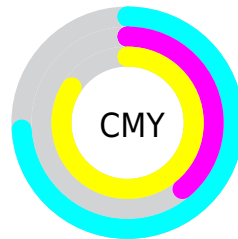


Cyan (57%)

Magenta (0%)

Yellow (73%)

Black (39%)



Cyan (74%)

Magenta (39%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6211, 25.1374, 6.2719 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 14.6211, 25.1374, 6.2719 by changing the saturation by 10% instead.

■ 14.6211, 25.1374,
6.2719

■ 14.6211, 25.1374,
6.2719

214.4954,
278.5215, 170.8633

■ 8.6385, 16.1795,
2.9397

■ 33.7642, 51.8800,
18.9800

■ 4.5613, 9.6512,
1.0639

■ 47.6555, 70.4335,
29.1930

■ 2.0244, 5.1683,
0.0000

■ 64.9136, 92.9543,
42.5366

■ 0.6476, 2.3464,
0.0000

■ 85.9040, 119.8268,
59.4294

■ 0.0000, 0.7981,
0.0000

■ 110.9920,
151.4353, 80.2899

■ 0.0000, 0.0000,
0.0000

■ 140.5430,

188.1644, 105.5367

174.9224,
230.3983, 135.5883

■ 14.6211, 25.1374,
6.2719

■ 14.6211, 25.1374,
6.2719

■ 13.6457, 24.6615,
5.0421

■ 15.8821, 25.7494,
8.0835

■ 12.9295, 24.3075,
4.3211

■ 17.4483, 26.5042,
10.5352

■ 12.5555, 24.1216,
3.9942

■ 19.3395, 27.4115,
13.6800

■ 21.5735, 28.4795,
17.5650

■ 24.1664, 29.7155,
22.2331

■ 27.1334, 31.1267,
27.7240

■ 30.4890, 32.7194,
34.0747

■ 34.2466, 34.5001,
41.3198

■ 38.4192, 36.4746,
49.4923

Harmonies

Analogous

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



20.2811, 25.1374, 2.9366



14.6211, 25.1374, 6.2719



11.8523, 25.1374, 16.9682

Triad

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



14.6211, 25.1374, 6.2719



19.9125, 25.1374, 96.3015



42.3194, 25.1374, 17.8441

Complementary

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



14.6211, 25.1374, 6.2719



16.1905, 8.8826, 32.3151

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.



42.1573, 25.1374, 41.3367



14.6211, 25.1374, 6.2719



27.9087, 25.1374, 97.0376

Square

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



14.6211, 25.1374, 6.2719



14.4039, 25.1374, 71.5415



36.4323, 25.1374, 73.1996



36.8349, 25.1374, 6.6023

Rectangle

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



14.6211, 25.1374, 6.2719



11.5148, 25.1374, 30.7650



36.4323, 25.1374, 73.1996



42.9565, 25.1374, 24.2351

Sweetspot

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



14.6217, 25.1385, 6.2725



44.2150, 54.1237, 40.9721



22.0324, 23.0424, 5.4773



9.4565, 11.7797, 8.5184



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.6217, 25.1385, 6.2725



23.8668, 44.3384, 8.1908



14.0269, 24.7435, 10.2369



6.6800, 7.4677, 7.0750



10.3669, 19.8811, 3.2910



0.2171, 0.3718, 0.0603

Inverse Universe

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



16.1905, 8.8826, 32.3151



26.6777, 12.9935, 58.2287



18.2794, 10.2206, 20.6141



6.7618, 6.6812, 8.3399



11.5602, 5.3885, 26.3380



0.2392, 0.1131, 0.4725

Previews

White Background



This preview shows how the XYZ color 14.6211, 25.1374, 6.2719 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 14.6211, 25.1374, 6.2719 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 14.6211, 25.1374, 6.2719

Background



This preview shows how black text looks on a background with the XYZ color 14.6211, 25.1374, 6.2719.



This preview shows how white text looks on a background with the XYZ color 14.6211, 25.1374,

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

14.6211, 25.1374, 6.2719

Protanopia

22.4165, 24.7972, 5.3551

Deuteranopia

25.1800, 24.7592, 6.7007



Tritanopia

20.5811, 25.1657, 35.6710

Trichromacy



Original Color

14.6211, 25.1374, 6.2719

Protanomaly

18.3655, 24.2306, 5.6285

Deuteranomaly

19.4390, 23.6652, 6.3396

Tritanomaly

17.4805, 24.8443, 20.0938

Monochromacy



Original Color

14.6211, 25.1374, 6.2719

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

14.9565, 19.5505, 12.4365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6211, 25.1374, 6.2719 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(67, 156, 42)` looks like.

```
.text, #text, p{  
    color:rgb(67, 156, 42)  
}
```

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(67, 156, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 156, 42) }
```

Border

The CSS property to change the border of an element to XYZ 14.6211, 25.1374, 6.2719 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(67, 156, 42) }
```


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

```
.border{ border-color:rgb(67, 156, 42) }
```

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

Here you see how a box with a 4 pixel rgb(67, 156, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 156, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 156, 42);  
box-shadow:4px 4px 4px 4px rgb(67, 156,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6211, 25.1374, 6.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 156, 42) }
```

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

```
.background{ background-color: rgb(67, 156,  
42) }
```

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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