

Converting Colors

XYZ(14.4743, 24.0423, 5.7045)

Have a look what the booklet for
XYZ(14.4743, 24.0423, 5.7045)
contains.

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Color

**XYZ(14.4797, 24.0923,
5.7208)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9826
RGB	75, 152, 38
RGB Percent	29%, 60%, 15%
CMY	0.7059, 0.4039, 0.8510
CMYK	0.51, 0.00, 0.75, 0.40
HSL	101°, 60%, 37%
HSV	101°, 75%, 60%
XYZ	14.4797, 24.0923, 5.7208
YIQ	115.9810, -9.2980, -51.7780

Conversions

Conversions Part 2

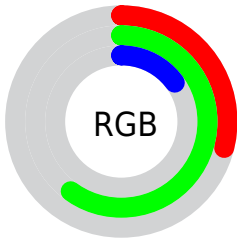
Format	Color
R_{YB}	38, 152, 115
Decimal	4954150
CIE _{Lab}	56.18, -44.08, 49.54
CIE _{LCh}	56, 66.312, 131.662
Yxy	24.0923, 0.3269, 0.5439
Android (android.graphics.Color)	4283144230 (0xFF4B9826)
YUV	115.9810, -38.4446, -35.9403
Hunter-Lab	49.0839, -33.2395, 27.4484

Details

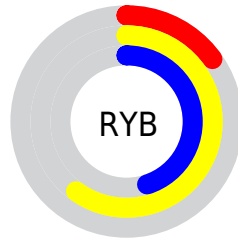
The XYZ color **14.4797, 24.0923, 5.7208** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **13.4323, 7.2990, 30.4081**, and the grayscale version is **16.7114, 17.5817, 19.1465**.

A 20% lighter version of the original color is **33.5612, 50.2063, 17.8194**, and **4.6072, 9.1402, 1.5214** is the 20% darker color. If you saturate the color by 10%, you get **13.5437, 23.6333, 4.6482**, and if you desaturate by 10%, it is **15.6466, 24.6603, 7.3281**.

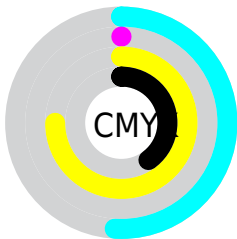
Distribution



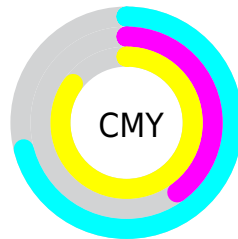
- Red (29%)
- Green (60%)
- Blue (15%)



- Red (15%)
- Yellow (60%)
- Blue (45%)



- Cyan (51%)
- Magenta (0%)
- Yellow (75%)
- Black (40%)




- Cyan (71%)
- Magenta (40%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4797, 24.0923, 5.7208 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 14.4797, 24.0923, 5.7208 by changing the saturation by 10% instead.


 14.4797, 24.0923,
5.7208


 14.4797, 24.0923,
5.7208


213.6464,
273.2868, 165.7714


 8.5390, 15.4021,
2.6100


 33.5170, 50.1808,
17.8161


 4.4964, 9.1021,
0.8976


 47.3443, 68.3478,
27.6378


 1.9866, 4.8078,
0.0000

 64.5311, 90.4427,
40.5335

 0.6264, 2.1350,
0.0000

 85.4429, 116.8496,
56.9217

 0.0000, 0.6842,
0.0000

 110.4450,
147.9531, 77.2211

 0.0000, 0.0000,
0.0000

 139.9027,

184.1376, 101.8502

174.1814,
225.7873, 131.2274

■ 14.4797, 24.0923,
5.7208

■ 14.4797, 24.0923,
5.7208

■ 13.5437, 23.6333,
4.6482

■ 15.6466, 24.6603,
7.3281

■ 12.8168, 23.2714,
4.0346

■ 17.0595, 25.3415,
9.5260

■ 12.5113, 23.1187,
3.8029

■ 18.7339, 26.1435,
12.3654

■ 20.6832, 27.0724,
15.8910

■ 22.9202, 28.1338,
20.1436

■ 25.4567, 29.3330,
25.1608

■ 28.3035, 30.6748,
30.9777

■ 31.4713, 32.1639,
37.6270

■ 34.9700, 33.8049,
45.1399

Harmonies

Analogous

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



20.0649, 24.0923, 2.8677



14.4797, 24.0923, 5.7208



11.6227, 24.0923, 15.1275

Triad

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



14.4797, 24.0923, 5.7208



18.5944, 24.0923, 89.5641



40.4404, 24.0923, 18.6359

Complementary

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



14.4797, 24.0923, 5.7208



13.4323, 7.2990, 30.4081

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.



39.7991, 24.0923, 41.7607



14.4797, 24.0923, 5.7208



25.9882, 24.0923, 92.4601

Square

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



14.4797, 24.0923, 5.7208



13.6096, 24.0923, 65.1470



34.0764, 24.0923, 71.6859



35.6720, 24.0923, 7.0651

Rectangle

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



14.4797, 24.0923, 5.7208



11.1598, 24.0923, 27.4679



34.0764, 24.0923, 71.6859



40.8746, 24.0923, 25.0346

Sweetspot

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



14.4803, 24.0933, 5.7213



41.5540, 50.1771, 37.6983



19.3171, 18.8511, 4.4545



9.2053, 11.2913, 8.1012



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.4803, 24.0933, 5.7213



23.0012, 41.2642, 7.3974



12.7669, 23.1651, 7.6698



6.3115, 7.0181, 6.6278



10.5196, 19.3989, 3.1899



0.1925, 0.3082, 0.0493

Inverse Universe

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



13.4323, 7.2990, 30.4081



20.8953, 9.9782, 53.2583



17.8766, 9.7557, 23.1324



6.2662, 6.2231, 7.7999



9.4440, 4.3196, 25.2437



0.1788, 0.0840, 0.3792

Previews

White Background



This preview shows how the XYZ color 14.4797, 24.0923, 5.7208 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 14.4797, 24.0923, 5.7208 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 14.4797, 24.0923, 5.7208

Background



This preview shows how black text looks on a background with the XYZ color 14.4797, 24.0923, 5.7208.



This preview shows how white text looks on a background with the XYZ color 14.4797, 24.0923,

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

14.4797, 24.0923, 5.7208

Protanopia

21.3773, 23.6440, 4.8759

Deuteranopia

24.0592, 23.6076, 6.0850



Tritanopia

20.1421, 24.0788, 33.7231

Trichromacy



Original Color

14.4797, 24.0923, 5.7208

Protanomaly

17.9966, 23.3821, 5.1548

Deuteranomaly

19.0903, 22.8585, 5.7888

Tritanomaly

17.1726, 23.7802, 18.7239

Monochromacy



Original Color

14.4797, 24.0923, 5.7208

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

14.9785, 19.1718, 12.1436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4797, 24.0923, 5.7208 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(75, 152, 38)` looks like.

```
.text, #text, p{  
    color:rgb(75, 152, 38)  
}
```

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(75, 152, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 152, 38) }
```

Border

The CSS property to change the border of an element to XYZ 14.4797, 24.0923, 5.7208 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(75, 152, 38) }
```


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

```
.border{ border-color:rgb(75, 152, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 152, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 152, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 152, 38);  
box-shadow:4px 4px 4px 4px rgb(75, 152,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4797, 24.0923, 5.7208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 152, 38) }
```

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

```
.background{ background-color: rgb(75, 152,  
38) }
```

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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