

Converting Colors

XYZ(14.3386, 22.4007, 4.6049)

Have a look what the booklet for
XYZ(14.3386, 22.4007, 4.6049)
contains.

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Color

**XYZ(14.3477, 22.4046,
4.6052)**

Conversions

Conversions Part 1

Format	Color
Hex	58911B
RGB	88, 145, 27
RGB Percent	35%, 57%, 11%
CMY	0.6549, 0.4314, 0.8941
CMYK	0.39, 0.00, 0.81, 0.43
HSL	89°, 69%, 34%
HSV	89°, 81%, 57%
XYZ	14.3477, 22.4046, 4.6052
YIQ	114.5050, 3.9060, -48.7820

Conversions

Conversions Part 2

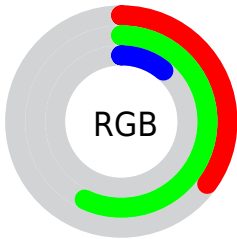
Format	Color
RYB	27, 145, 84
Decimal	5804315
CIELab	54.45, -37.45, 51.79
CIELCh	54, 63.913, 125.874
Yxy	22.4046, 0.3469, 0.5417
Android (android.graphics.Color)	4283994395 (0xFF58911B)
YUV	114.5050, -43.1400, -23.2449
Hunter-Lab	47.3335, -28.7268, 27.3650

Details

The XYZ color **14.3477, 22.4046, 4.6052** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.1600, 4.7137, 27.2163**, and the grayscale version is **16.2719, 17.1193, 18.6429**.

A 20% lighter version of the original color is **33.2741, 47.2957, 15.3579**, and **4.5984, 8.3125, 1.3621** is the 20% darker color. If you saturate the color by 10%, you get **13.5882, 22.0286, 3.9000**, and if you desaturate by 10%, it is **15.2548, 22.8485, 5.7505**.

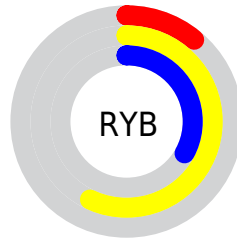
Distribution



Red (35%)

Green (57%)

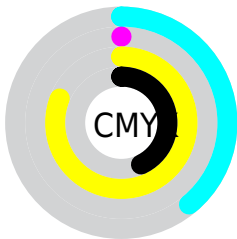
Blue (11%)



Red (11%)

Yellow (57%)

Blue (33%)

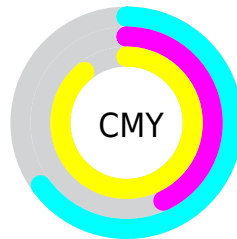


Cyan (39%)

Magenta (0%)

Yellow (81%)

Black (43%)



Cyan (65%)

Magenta (43%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3477, 22.4046, 4.6052 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 14.3477, 22.4046, 4.6052 by changing the saturation by 10% instead.

■ 14.3477, 22.4046,
4.6052

■ 14.3477, 22.4046,
4.6052

212.8509,
264.6520, 154.7318

■ 8.4462, 14.1545,
1.9629

■ 33.2858, 47.4138,
15.3831

■ 4.4360, 8.2282,
0.5323

■ 47.0532, 64.9417,
24.3558

■ 1.9516, 4.2413,
0.0000

■ 64.1732, 86.3310,
36.2756

■ 0.6066, 1.8094,
0.0000

■ 85.0113, 111.9660,
51.5612

■ 0.0000, 0.4931,
0.0000

■ 109.9327,
142.2313, 70.6311

■ 0.0000, 0.0000,
0.0000

■ 139.3029,

177.5111, 93.9038

173.4872,
218.1898, 121.7978

■ 14.3477, 22.4046,
4.6052

■ 14.3477, 22.4046,
4.6052

■ 13.5882, 22.0286,
3.9000

■ 15.2548, 22.8485,
5.7505

■ 13.0239, 21.7457,
3.5109

■ 16.3204, 23.3626,
7.3914

■ 17.5558, 23.9525,
9.5764

■ 18.9708, 24.6220,
12.3483

■ 20.5741, 25.3750,
15.7452

■ 22.3739, 26.2149,
19.8024

■ 24.3777, 27.1449,
24.5521

■ 26.5928, 28.1679,
30.0249

■ 29.0258, 29.2869,
36.2491

Harmonies

Analogous

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



19.9483, 22.4046, 2.6411



14.3477, 22.4046, 4.6052



11.2301, 22.4046, 11.7979

Triad

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



14.3477, 22.4046, 4.6052



16.2584, 22.4046, 79.1137



37.6650, 22.4046, 20.6624

Complementary

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



14.3477, 22.4046, 4.6052



9.1600, 4.7137, 27.2163

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.



36.0735, 22.4046, 43.7615



14.3477, 22.4046, 4.6052



22.7008, 22.4046, 86.2443

Square

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



14.3477, 22.4046, 4.6052



12.1525, 22.4046, 54.6320



30.1855, 22.4046, 70.7899



34.1533, 22.4046, 8.0723

Rectangle

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



14.3477, 22.4046, 4.6052



10.5026, 22.4046, 21.7278



30.1855, 22.4046, 70.7899



37.7173, 22.4046, 27.2715

Sweetspot

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



14.3482, 22.4056, 4.6057



39.0211, 46.4580, 33.0612



14.8981, 12.1444, 2.5961



8.4513, 10.2281, 6.8372



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.3482, 22.4056, 4.6057



23.3393, 38.9478, 6.3959



10.8870, 20.6212, 4.4437



5.5921, 6.1578, 5.7832



11.2007, 18.6668, 3.0127



0.1325, 0.1916, 0.0300

Inverse Universe

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



9.1600, 4.7137, 27.2163



13.7190, 6.0759, 48.4232



16.4995, 8.4974, 27.5598



5.3620, 5.3748, 6.7836



6.5829, 2.8872, 23.1874



0.0882, 0.0406, 0.2229

Previews

White Background



This preview shows how the XYZ color 14.3477, 22.4046, 4.6052 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 14.3477, 22.4046, 4.6052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

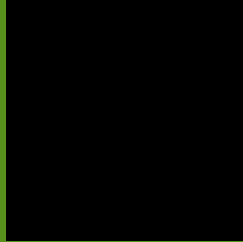
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.3477, 22.4046, 4.6052

Background



This preview shows how black text looks on a background with the XYZ color 14.3477, 22.4046, 4.6052.



This preview shows how white text looks on a background with the XYZ color 14.3477, 22.4046,

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

14.3477, 22.4046, 4.6052

Protanopia

19.9913, 22.1381, 4.0300

Deuteranopia

22.5371, 22.0924, 4.9101



Tritanopia

19.5612, 22.3463, 30.4764

Trichromacy



Original Color

14.3477, 22.4046, 4.6052

Protanomaly

17.2863, 21.7539, 4.1520

Deuteranomaly

18.5584, 21.5823, 4.7010

Tritanomaly

16.7178, 22.0412, 16.2052

Monochromacy



Original Color

14.3477, 22.4046, 4.6052

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.8479, 18.5495, 10.9815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3477, 22.4046, 4.6052 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(88, 145, 27)` looks like.

```
.text, #text, p{  
    color:rgb(88, 145, 27)  
}
```

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(88, 145, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 145, 27) }
```

Border

The CSS property to change the border of an element to XYZ 14.3477, 22.4046, 4.6052 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(88, 145, 27) }
```


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

```
.border{ border-color:rgb(88, 145, 27) }
```

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

Here you see how a box with a 4 pixel rgb(88, 145, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 145, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 145, 27);  
box-shadow:4px 4px 4px 4px rgb(88, 145,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3477, 22.4046, 4.6052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 145, 27) }
```

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

```
.background{ background-color: rgb(88, 145,  
27) }
```

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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