

Converting Colors

XYZ(11.5917, 22.8656, 4.7223)

Have a look what the booklet for
XYZ(11.5917, 22.8656, 4.7223)
contains.

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Color

**XYZ(11.5917, 22.8656,
4.7223)**

Conversions

Conversions Part 1

Format	Color
Hex	029919
RGB	2, 153, 25
RGB Percent	1%, 60%, 10%
CMY	0.9922, 0.4000, 0.9019
CMYK	0.99, 0.00, 0.84, 0.40
HSL	129°, 97%, 30%
HSV	129°, 99%, 60%
XYZ	11.5917, 22.8656, 4.7223
YIQ	93.2590, -48.9080, -71.8200

Conversions

Conversions Part 2

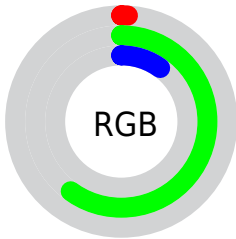
Format	Color
R_{YB}	2, 133, 153
Decimal	170265
CIE _{Lab}	54.93, -57.79, 52.03
CIE _{LCh}	55, 77.764, 138.004
Yxy	22.8656, 0.2959, 0.5836
Android (android.graphics.Color)	4278360345 (0xFF029919)
YUV	93.2590, -33.6517, -80.0341
Hunter-Lab	47.8180, -40.4108, 27.6174

Details

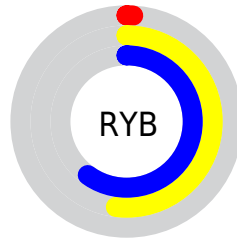
The XYZ color **11.5917, 22.8656, 4.7223** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **17.1877, 8.4273, 21.8363**, and the grayscale version is **10.5498, 11.0992, 12.0870**.

A 20% lighter version of the original color is **28.4055, 48.3189, 15.6139**, and **4.5572, 9.1143, 1.5191** is the 20% darker color. If you saturate the color by 10%, you get **11.5496, 22.8466, 4.6285**, and if you desaturate by 10%, it is **11.9777, 23.0451, 5.6485**.

Distribution



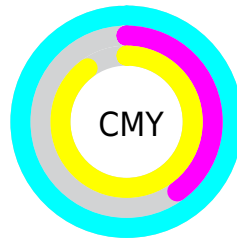
- Red (1%)
- Green (60%)
- Blue (10%)



- Red (1%)
- Yellow (52%)
- Blue (60%)



- Cyan (99%)
- Magenta (0%)
- Yellow (84%)
- Black (40%)



- Cyan (99%)
- Magenta (40%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5917, 22.8656, 4.7223 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 11.5917, 22.8656, 4.7223 by changing the saturation by 10% instead.

■ 11.5917, 22.8656,
4.7223

■ 11.5917, 22.8656,
4.7223

195.5088,
267.0339, 155.9440

■ 6.5365, 14.4943,
2.0294

■ 28.3726, 48.1725,
15.6440

■ 3.2177, 8.4653,
0.5733

■ 40.8290, 65.8770,
24.7099

■ 1.2699, 4.3941,
0.0000

■ 56.4833, 87.4613,
36.7373

■ 0.1605, 1.8964,
0.0000

■ 75.7007, 113.3098,
52.1445

■ 0.0000, 0.5462,
0.0000

■ 98.8465, 143.8069,
71.3503

■ 0.0000, 0.0000,
0.0000

■ 126.2863,

179.3370, 94.7731

158.3853,
220.2846, 122.8315

■ 11.5917, 22.8656,
4.7223

■ 11.5917, 22.8656,
4.7223

■ 11.5496, 22.8466,
4.6285

■ 11.9777, 23.0451,
5.6485

■ 12.6023, 23.3387,
6.9661

■ 13.5286, 23.7785,
8.7142

■ 14.7895, 24.3808,
10.9257

■ 16.4135, 25.1598,
13.6307

■ 18.4260, 26.1280,
16.8564

■ 20.8503, 27.2968,
20.6281

■ 23.7076, 28.6766,
24.9696

■ 27.0177, 30.2773,
29.9030

Harmonies

Analogous

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



17.0001, 22.8656, 1.5377



11.5917, 22.8656, 4.7223



9.2132, 22.8656, 16.2727

Triad

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



11.5917, 22.8656, 4.7223



18.4653, 22.8656, 106.2349



41.6263, 22.8656, 12.9139

Complementary

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



11.5917, 22.8656, 4.7223



17.1877, 8.4273, 21.8363

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.



42.3238, 22.8656, 36.1300



11.5917, 22.8656, 4.7223



27.2719, 22.8656, 102.8819

Square

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



11.5917, 22.8656, 4.7223



12.4188, 22.8656, 79.4985



36.5335, 22.8656, 72.1087



34.8236, 22.8656, 3.6532

Rectangle

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



11.5917, 22.8656, 4.7223



9.1005, 22.8656, 32.1120



36.5335, 22.8656, 72.1087



42.6375, 22.8656, 18.8523

Sweetspot

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



11.5922, 22.8665, 4.7228



36.4573, 48.4580, 35.5832



20.6626, 27.5615, 4.2881



7.6735, 10.5184, 7.2730



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.



11.5922, 22.8665, 4.7228



20.6388, 40.8962, 8.0552



13.7242, 23.7193, 15.9496



6.1686, 6.9402, 6.8114



9.5535, 18.8849, 3.8694



0.1514, 0.2858, 0.1030

Inverse Universe

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



17.1877, 8.4273, 21.8363



30.6495, 14.9776, 38.6095



13.8450, 7.0903, 4.2341



6.4208, 6.3075, 7.5958



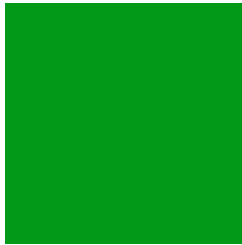
14.1798, 6.9261, 18.0034



0.2216, 0.1074, 0.3198

Previews

White Background



This preview shows how the XYZ color 11.5917, 22.8656, 4.7223 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 11.5917, 22.8656, 4.7223 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 11.5917, 22.8656, 4.7223

Background



This preview shows how black text looks on a background with the XYZ color 11.5917, 22.8656, 4.7223.



This preview shows how white text looks on a background with the XYZ color 11.5917, 22.8656,

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

11.5917, 22.8656, 4.7223

Protanopia

20.2665, 22.4827, 3.8875

Deuteranopia

22.9177, 22.4679, 5.2267



Tritanopia

17.6201, 22.7691, 34.0380

Trichromacy



Original Color

11.5917, 22.8656, 4.7223



Protanomaly

13.9841, 20.8991, 4.0064



Deuteranomaly

14.7930, 20.4526, 4.7582



Tritanomaly

13.8472, 22.0907, 17.4440

Monochromacy



Original Color

11.5917, 22.8656, 4.7223



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

9.0376, 13.6395, 7.6252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5917, 22.8656, 4.7223 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(2, 153, 25)` looks like.

```
.text, #text, p{  
    color:rgb(2, 153, 25)  
}
```

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(2, 153, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 153, 25) }
```

Border

The CSS property to change the border of an element to XYZ 11.5917, 22.8656, 4.7223 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(2, 153, 25) }
```


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

```
.border{ border-color:rgb(2, 153, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 153, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 153, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 153, 25);  
box-shadow:4px 4px 4px 4px rgb(2, 153, 25)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5917, 22.8656, 4.7223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 153, 25) }
```

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

```
.background{ background-color: rgb(2, 153,  
25) }
```

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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