

Converting Colors

XYZ(11.2029, 17.2140, 3.6519)

Have a look what the booklet for
XYZ(11.2029, 17.2140, 3.6519)
contains.

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Color

**XYZ(11.2029, 17.2140,
3.6519)**

Conversions

Conversions Part 1

Format	Color
Hex	508019
RGB	80, 128, 25
RGB Percent	31%, 50%, 10%
CMY	0.6863, 0.4980, 0.9019
CMYK	0.38, 0.00, 0.80, 0.50
HSL	88°, 67%, 30%
HSV	88°, 80%, 50%
XYZ	11.2029, 17.2140, 3.6519
YIQ	101.9060, 4.4550, -42.2090

Conversions

Conversions Part 2

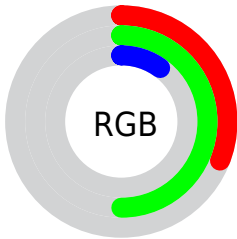
Format	Color
R_{YB}	25, 128, 73
Decimal	5275673
CIE Lab	48.53, -32.99, 46.76
CIE LCh	49, 57.224, 125.204
Yxy	17.2140, 0.3493, 0.5368
Android (android.graphics.Color)	4283465753 (0xFF508019)
YUV	101.9060, -37.9147, -19.2116
Hunter-Lab	41.4898, -24.4092, 23.8242

Details

The XYZ color **11.2029, 17.2140, 3.6519** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6.9924, 3.6708, 20.7631**, and the grayscale version is **12.7003, 13.3617, 14.5509**.

A 20% lighter version of the original color is **27.5719, 38.5844, 13.2021**, and **3.1764, 5.6818, 0.9293** is the 20% darker color. If you saturate the color by 10%, you get **10.6138, 16.9233, 3.0615**, and if you desaturate by 10%, it is **11.9008, 17.5546, 4.5784**.

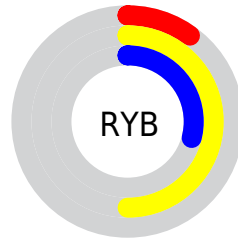
Distribution



Red (31%)

Green (50%)

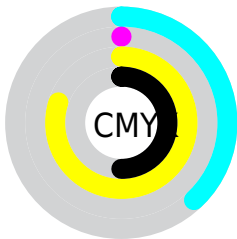
Blue (10%)



Red (10%)

Yellow (50%)

Blue (29%)

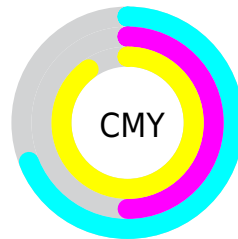


Cyan (38%)

Magenta (0%)

Yellow (80%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2029, 17.2140, 3.6519 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 11.2029, 17.2140, 3.6519 by changing the saturation by 10% instead.

■ 11.2029, 17.2140,
3.6519

■ 11.2029, 17.2140,
3.6519

192.9340,
236.4026, 144.2739

■ 6.2718, 10.3872,
1.4364

■ 27.6644, 38.6933,
13.1986

■ 3.0533, 5.6564,
0.1699

■ 39.9255, 54.1147,
21.3669

■ 1.1820, 2.6373,
0.0000

■ 55.3606, 73.1696,
32.3566

■ 0.0921, 0.9455,
0.0000

■ 74.3351, 96.2426,
46.5861

■ 0.0000, 0.0000,
0.0000

■ 97.2143, 123.7180,
64.4741

■ 124.3636,

155.9802, 86.4390

156.1484,
193.4136, 112.8994

11.2029, 17.2140,
3.6519

11.2029, 17.2140,
3.6519

10.6138, 16.9233,
3.0615

11.9008, 17.5546,
4.5784

10.1276, 16.6805,
2.6859

12.7152, 17.9464,
5.8804

13.6540, 18.3934,
7.5929

14.7242, 18.8986,
9.7468

15.9320, 19.4644,
12.3699

■ 17.2833, 20.0934,
15.4876

■ 18.7835, 20.7879,
19.1237

■ 20.4377, 21.5499,
23.3004

■ 22.2508, 22.3816,
28.0385

Harmonies

Analogous

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



15.4624, 17.2140, 2.1752



11.2029, 17.2140, 3.6519



8.7996, 17.2140, 9.0423

Triad

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



11.2029, 17.2140, 3.6519



12.4812, 17.2140, 59.1651



28.6194, 17.2140, 16.2403

Complementary

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



11.2029, 17.2140, 3.6519



6.9924, 3.6708, 20.7631

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.



27.3476, 17.2140, 33.6766



11.2029, 17.2140, 3.6519



17.2946, 17.2140, 64.8170

Square

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



11.2029, 17.2140, 3.6519



9.4194, 17.2140, 40.8484



22.9009, 17.2140, 53.6976



26.0777, 17.2140, 6.5254

Rectangle

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



11.2029, 17.2140, 3.6519



8.2204, 17.2140, 16.4277



22.9009, 17.2140, 53.6976



28.6286, 17.2140, 21.2665

Sweetspot

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



11.2033, 17.2148, 3.6523



29.4251, 34.9097, 24.9159



11.3538, 9.2112, 2.0995



6.7217, 8.0953, 5.4482



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.2033, 17.2148, 3.6523



17.9145, 29.4074, 4.8748



8.4350, 15.7876, 3.5227



4.4781, 4.9229, 4.6343



10.0434, 16.5400, 2.6632



0.0000, 0.0000, 0.0000

Inverse Universe

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



6.9924, 3.6708, 20.7631



10.2142, 4.5533, 36.2968



12.3916, 6.4542, 21.0157



4.2845, 4.3023, 5.4179



5.6922, 2.4881, 20.4302



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.2029, 17.2140, 3.6519 looks on a white 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

Black Background



This preview shows how the XYZ color 11.2029, 17.2140, 3.6519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

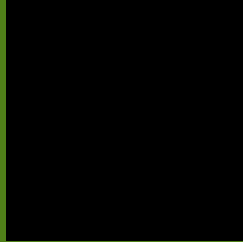
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2029, 17.2140, 3.6519

Background



This preview shows how black text looks on a background with the XYZ color 11.2029, 17.2140, 3.6519.



This preview shows how white text looks on a background with the XYZ color 11.2029, 17.2140,

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

11.2029, 17.2140, 3.6519

Protanopia

15.3288, 16.9865, 3.2299

Deuteranopia

17.2736, 16.9879, 3.9587



Tritanopia

15.1754, 17.1583, 23.2809

Trichromacy



Original Color

11.2029, 17.2140, 3.6519

Protanomaly

13.4267, 16.8743, 3.3600

Deuteranomaly

14.3779, 16.6547, 3.7532

Tritanomaly

12.9677, 16.7982, 12.4564

Monochromacy



Original Color

11.2029, 17.2140, 3.6519

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.5366, 14.2430, 8.6197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2029, 17.2140, 3.6519 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(80, 128, 25)` looks like.

```
.text, #text, p{  
    color:rgb(80, 128, 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(80, 128, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 128, 25) }
```

Border

The CSS property to change the border of an element to XYZ 11.2029, 17.2140, 3.6519 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(80, 128, 25) }
```


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

```
.border{ border-color:rgb(80, 128, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 128, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 128, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 128, 25);  
box-shadow:4px 4px 4px 4px rgb(80, 128,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2029, 17.2140, 3.6519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 128, 25) }
```

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

```
.background{ background-color: rgb(80, 128,  
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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