

Converting Colors

XYZ(16.9377, 23.0386, 5.9370)

Have a look what the booklet for
XYZ(16.9377, 23.0386, 5.9370)
contains.

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Color

**XYZ(16.9377, 23.0386,
5.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	718E2C
RGB	113, 142, 44
RGB Percent	44%, 56%, 17%
CMY	0.5569, 0.4431, 0.8274
CMYK	0.20, 0.00, 0.69, 0.44
HSL	78°, 53%, 36%
HSV	78°, 69%, 56%
XYZ	16.9377, 23.0386, 5.9370
YIQ	122.1570, 14.1740, -36.6260

Conversions

Conversions Part 2

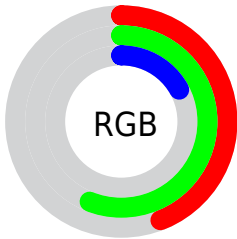
Format	Color
RYB	44, 142, 73
Decimal	7441964
CIELab	55.11, -25.15, 46.77
CIELCh	55, 53.100, 118.269
Yxy	23.0386, 0.3689, 0.5018
Android (android.graphics.Color)	4285632044 (0xFF718E2C)
YUV	122.1570, -38.5314, -8.0307
Hunter-Lab	47.9985, -21.0085, 26.2653

Details

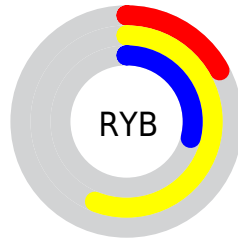
The XYZ color **16.9377, 23.0386, 5.9370** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.5317, 5.1714, 26.1411**, and the grayscale version is **18.6694, 19.6416, 21.3897**.

A 20% lighter version of the original color is **37.7418, 48.5216, 18.2029**, and **5.7516, 8.6464, 1.3658** is the 20% darker color. If you saturate the color by 10%, you get **16.1871, 22.6782, 4.7393**, and if you desaturate by 10%, it is **17.8058, 23.4506, 7.6181**.

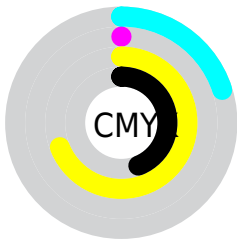
Distribution



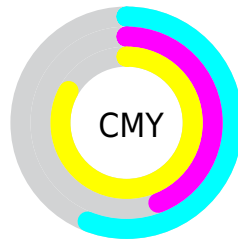
- Red (44%)
- Green (56%)
- Blue (17%)



- Red (17%)
- Yellow (56%)
- Blue (29%)



- Cyan (20%)
- Magenta (0%)
- Yellow (69%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9377, 23.0386, 5.9370 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 16.9377, 23.0386, 5.9370 by changing the saturation by 10% instead.

■ 16.9377, 23.0386,
5.9370

■ 16.9377, 23.0386,
5.9370

227.9764,
267.9232, 167.7941

■ 10.2851, 14.6220,
2.7386

■ 37.7631, 48.4567,
18.2754

■ 5.6521, 8.5545,
0.9628

■ 52.6666, 66.2270,
28.2525

■ 2.6734, 4.4518,
0.0000

■ 71.0511, 87.8840,
41.3263

■ 0.9835, 1.9294,
0.0000

■ 93.2820, 113.8121,
57.9153

■ 0.0000, 0.5659,
0.0000

■ 119.7246,
144.3956, 78.4380

■ 0.0000, 0.0000,
0.0000

■ 150.7443,

180.0191, 103.3130

186.7064,
221.0668, 132.9589

■ 16.9377, 23.0386,
5.9370

■ 16.9377, 23.0386,
5.9370

■ 16.1871, 22.6782,
4.7393

■ 17.8058, 23.4506,
7.6181

■ 15.5423, 22.3621,
3.9719

■ 18.7985, 23.9145,
9.8253

■ 14.9802, 22.0819,
3.5129

■ 19.9241, 24.4346,
12.5984

■ 14.9265, 22.0551,
3.4703

■ 21.1898, 25.0137,
15.9730

■ 22.6019, 25.6544,
19.9815

■ 24.1666, 26.3592,
24.6544

■ 25.8895, 27.1304,
30.0200

■ 27.7759, 27.9702,
36.1048

■ 29.8311, 28.8806,
42.9343

Harmonies

Analogous

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



22.2430, 23.0386, 4.5752



16.9377, 23.0386, 5.9370



13.5743, 23.0386, 11.5518

Triad

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



16.9377, 23.0386, 5.9370



16.4410, 23.0386, 64.2710



35.3561, 23.0386, 26.0824

Complementary

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



16.9377, 23.0386, 5.9370



8.5317, 5.1714, 26.1411

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.



33.0731, 23.0386, 46.4272



16.9377, 23.0386, 5.9370



21.5556, 23.0386, 73.8004

Square

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



16.9377, 23.0386, 5.9370



13.3260, 23.0386, 43.9043



27.7418, 23.0386, 66.1317



33.5276, 23.0386, 12.5986

Rectangle

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



16.9377, 23.0386, 5.9370



12.5380, 23.0386, 19.0251



27.7418, 23.0386, 66.1317



35.0370, 23.0386, 32.3121

Sweetspot

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



16.9382, 23.0396, 5.9375



39.2266, 44.9528, 33.4152



13.9131, 10.5380, 3.6839



8.6264, 9.9792, 7.0774



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.9382, 23.0396, 5.9375



27.8718, 39.6611, 7.4974



12.3238, 20.6608, 5.7215



5.6862, 6.2064, 5.7876



13.4200, 19.8109, 3.1166



0.1505, 0.2008, 0.0308

Inverse Universe

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



8.5317, 5.1714, 26.1411



12.1107, 5.9843, 45.6447



13.6365, 7.8030, 26.3800



5.2703, 5.3275, 6.7793



5.2587, 2.2046, 23.1254



0.0703, 0.0314, 0.2220

Previews

White Background



This preview shows how the XYZ color 16.9377, 23.0386, 5.9370 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 16.9377, 23.0386, 5.9370 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 16.9377, 23.0386, 5.9370

Background



This preview shows how black text looks on a background with the XYZ color 16.9377, 23.0386, 5.9370.



This preview shows how white text looks on a background with the XYZ color 16.9377, 23.0386,

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

16.9377, 23.0386, 5.9370

Protanopia

20.6841, 22.8657, 5.4212

Deuteranopia

23.2192, 22.7900, 6.1927



Tritanopia

21.6576, 23.0433, 29.2929

Trichromacy



Original Color

16.9377, 23.0386, 5.9370

Protanomaly

19.2138, 22.9264, 5.6030

Deuteranomaly

20.3269, 22.4657, 6.0613

Tritanomaly

19.2037, 22.6629, 17.2722

Monochromacy



Original Color

16.9377, 23.0386, 5.9370

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.4784, 20.4306, 13.6120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9377, 23.0386, 5.9370 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(113, 142, 44)` looks like.

```
.text, #text, p{  
    color:rgb(113, 142, 44)  
}
```

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(113, 142, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 142, 44) }
```

Border

The CSS property to change the border of an element to XYZ 16.9377, 23.0386, 5.9370 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(113, 142, 44) }
```


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

```
.border{ border-color:rgb(113, 142, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 142, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 142, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 142, 44);  
box-shadow:4px 4px 4px 4px rgb(113, 142,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9377, 23.0386, 5.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 142, 44) }
```

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

```
.background{ background-color: rgb(113,  
142, 44) }
```

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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