

Converting Colors

XYZ(23.5649, 27.1976, 4.6108)

Have a look what the booklet for
XYZ(23.5649, 27.1976, 4.6108)
contains.

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Color

**XYZ(23.5694, 27.1678,
4.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9113
RGB	154, 145, 19
RGB Percent	60%, 57%, 7%
CMY	0.3961, 0.4314, 0.9255
CMYK	0.00, 0.06, 0.88, 0.40
HSL	56°, 78%, 34%
HSV	56°, 88%, 60%
XYZ	23.5694, 27.1678, 4.6178
YIQ	133.3270, 45.8100, -37.2780

Conversions

Conversions Part 2

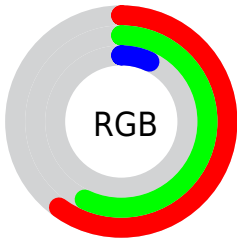
Format	Color
R _Y B	29, 154, 19
Decimal	10129683
CIE Lab	59.13, -9.71, 59.79
CIE LCh	59, 60.570, 99.220
Yxy	27.1678, 0.4258, 0.4908
Android (android.graphics.Color)	4288319763 (0xFF9A9113)
YUV	133.3270, -56.3632, 18.1302
Hunter-Lab	52.1227, -10.4988, 31.2331

Details

The XYZ color **23.5694, 27.1678, 4.6178** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.5168, 3.3023, 30.8657**, and the grayscale version is **22.6021, 23.7792, 25.8956**.

A 20% lighter version of the original color is **48.9861, 55.4084, 15.5102**, and **9.2378, 10.8371, 1.6049** is the 20% darker color. If you saturate the color by 10%, you get **23.3161, 26.8177, 4.0511**, and if you desaturate by 10%, it is **23.9046, 27.5550, 5.6032**.

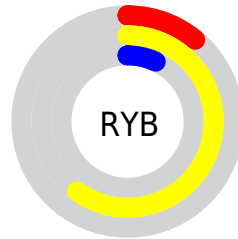
Distribution



Red (60%)

Green (57%)

Blue (7%)



Red (11%)

Yellow (60%)

Blue (7%)

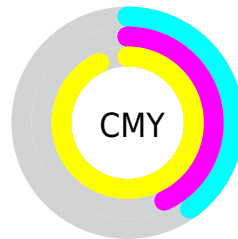


Cyan (0%)

Magenta (6%)

Yellow (88%)

Black (40%)



Cyan (40%)

Magenta (43%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5694, 27.1678, 4.6178 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 23.5694, 27.1678, 4.6178 by changing the saturation by 10% instead.

■ 23.5694, 27.1678,
4.6178

■ 23.5694, 27.1678,
4.6178

263.1173,
288.4687, 154.8629

■ 15.1375, 17.6993,
1.9700

■ 48.7864, 55.1530,
15.4112

■ 9.0029, 10.7343,
0.5368

■ 66.3022, 74.4385,
24.3940

■ 4.8002, 5.8885,
0.0000

■ 87.5768, 97.7651,
36.3255

■ 2.1641, 2.7774,
0.0000

■ 112.9754,
125.5172, 51.6242

■ 0.7237, 1.0166,
0.0000

■ 142.8633,
158.0792, 70.7088

■ 0.0000, 0.0000,
0.0000

■ 177.6061,

195.8356, 93.9978

217.5690,
239.1706, 121.9096

23.5694, 27.1678,
4.6178

23.5694, 27.1678,
4.6178

23.3161, 26.8177,
4.0511

23.9046, 27.5550,
5.6032

23.2599, 26.7371,
3.9348

24.3405, 27.9837,
7.1145

24.8895, 28.4599,
9.2142

25.5616, 28.9876,
11.9557

26.3660, 29.5706,
15.3863

■ 27.3108, 30.2120,
19.5491

■ 28.4034, 30.9148,
24.4833

■ 29.6508, 31.6818,
30.2256

■ 31.0595, 32.5157,
36.8103

Harmonies

Analogous

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



31.3112, 27.1678, 5.2737



23.5694, 27.1678, 4.6178



17.7013, 27.1678, 7.6728

Triad

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



23.5694, 27.1678, 4.6178



16.1450, 27.1678, 64.3417



41.8760, 27.1678, 46.8801

Complementary

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



23.5694, 27.1678, 4.6178



6.5168, 3.3023, 30.8657

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.



36.1101, 27.1678, 74.7811



23.5694, 27.1678, 4.6178



21.0153, 27.1678, 87.8112

Square

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



23.5694, 27.1678, 4.6178



13.9981, 27.1678, 36.7408



28.2141, 27.1678, 92.3552



42.9272, 27.1678, 23.4178

Rectangle

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



23.5694, 27.1678, 4.6178



15.2670, 27.1678, 13.0220



28.2141, 27.1678, 92.3552



40.3781, 27.1678, 56.3028

Sweetspot

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



23.5700, 27.1691, 4.6183



49.8241, 55.0219, 36.4586



13.7691, 7.4199, 1.8056



11.1439, 12.3656, 7.6569



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.5700, 27.1691, 4.6183



42.1972, 48.4573, 7.1292



16.4450, 25.6181, 4.6945



6.6737, 7.1524, 6.6347



18.9608, 21.8040, 3.2092



0.2926, 0.3442, 0.0510

Inverse Universe

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



6.5168, 3.3023, 30.8657



10.7451, 4.5371, 55.8457



9.1672, 4.3980, 30.9375



5.9159, 6.0892, 7.7925



4.8535, 2.1037, 25.0580



0.0803, 0.0469, 0.3772

Previews

White Background



This preview shows how the XYZ color 23.5694, 27.1678, 4.6178 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 23.5694, 27.1678, 4.6178 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 23.5694, 27.1678, 4.6178

Background



This preview shows how black text looks on a background with the XYZ color 23.5694, 27.1678, 4.6178.



This preview shows how white text looks on a background with the XYZ color 23.5694, 27.1678,

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

23.5694, 27.1678, 4.6178

Protanopia

24.4288, 27.1622, 4.5276

Deuteranopia

27.6842, 27.1104, 4.8106



Tritanopia

28.8791, 27.1588, 30.5081

Trichromacy



Original Color

23.5694, 27.1678, 4.6178

Protanomaly

24.1830, 27.2593, 4.5593

Deuteranomaly

26.1921, 27.1891, 4.7317

Tritanomaly

25.9820, 26.8397, 15.6156

Monochromacy



Original Color

23.5694, 27.1678, 4.6178

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.8619, 24.3267, 13.6685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5694, 27.1678, 4.6178 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(154, 145, 19)` looks like.

```
.text, #text, p{  
    color:rgb(154, 145, 19)  
}
```

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(154, 145, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 145, 19) }
```

Border

The CSS property to change the border of an element to XYZ 23.5694, 27.1678, 4.6178 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(154, 145, 19) }
```


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

```
.border{ border-color:rgb(154, 145, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 145, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 145, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 145, 19);  
box-shadow:4px 4px 4px 4px rgb(154, 145,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5694, 27.1678, 4.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 145, 19) }
```

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

```
.background{ background-color: rgb(154,  
145, 19) }
```

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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