

Converting Colors

XYZ(29.2359, 27.9872, 52.6509)

Have a look what the booklet for
XYZ(29.2359, 27.9872, 52.6509)
contains.

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Color

**XYZ(29.1536, 27.8771,
52.5595)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8CBE
RGB	138, 140, 190
RGB Percent	54%, 55%, 75%
CMY	0.4588, 0.4510, 0.2549
CMYK	0.27, 0.26, 0.00, 0.25
HSL	238°, 29%, 64%
HSV	238°, 27%, 75%
XYZ	29.1536, 27.8771, 52.5595
YIQ	145.1020, -17.2420, 15.1260

Conversions

Conversions Part 2

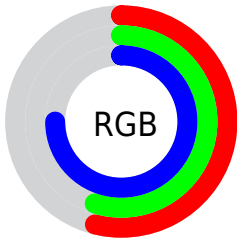
Format	Color
R _Y B	138, 140, 190
Decimal	9079998
CIE Lab	59.78, 10.57, -26.24
CIE LCh	60, 28.289, 291.947
Yxy	27.8771, 0.2660, 0.2544
Android (android.graphics.Color)	4287270078 (0xFF8A8CBE)
YUV	145.1020, 22.1347, -6.2285
Hunter-Lab	52.7988, 6.1635, -22.0622

Details

The XYZ color **29.1536, 27.8771, 52.5595** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.8065, 48.7492, 31.1465**, and the grayscale version is **26.8737, 28.2732, 30.7895**.

A 20% lighter version of the original color is **57.4427, 56.0002, 94.9703**, and **12.0306, 11.1161, 24.8041** is the 20% darker color. If you saturate the color by 10%, you get **23.8293, 21.4935, 51.6084**, and if you desaturate by 10%, it is **35.4729, 35.4327, 53.6853**.

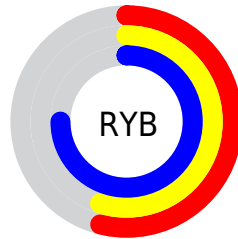
Distribution



Red (54%)

Green (55%)

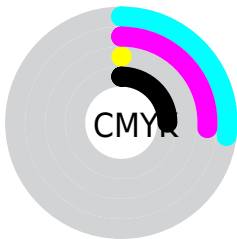
Blue (75%)



Red (54%)

Yellow (55%)

Blue (75%)

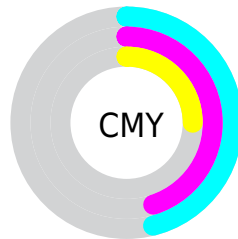


Cyan (27%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (46%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1536, 27.8771, 52.5595 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 29.1536, 27.8771, 52.5595 by changing the saturation by 10% instead.

■ 29.1536, 27.8771,
52.5595

■ 29.1536, 27.8771,
52.5595

289.9201,
291.8792, 413.6111

■ 19.3419, 18.2330,
37.0659

■ 57.7169, 56.2882,
95.3908

■ 12.0231, 11.1174,
24.9623

■ 77.1992, 75.8240,
123.5657

■ 6.8317, 6.1459,
15.8302

■ 100.6358, 99.4258,
156.8047

■ 3.4025, 2.9340,
9.2511

128.3920,
127.4780, 195.5264

■ 1.3700, 1.0974,
4.8063

160.8332,
160.3651, 240.1493

■ 0.2347, 0.0000,
2.0773

198.3247,

■ 0.0000, 0.0000,

198.4714, 291.0921

0.6022

241.2319,
242.1813, 348.7731

■ 0.0000, 0.0000,
0.0000

■ 29.1536, 27.8771,
52.5595

■ 29.1536, 27.8771,
52.5595

■ 23.8293, 21.4935,
51.6084

■ 35.4729, 35.4327,
53.6853

■ 19.4467, 16.2203,
50.8216

■ 42.8312, 44.2116,
54.9920

■ 15.9518, 11.9949,
50.1902

■ 51.2735, 54.2657,
56.4876

■ 13.2838, 8.7474,
49.7040

■ 60.8412, 65.6431,
58.1794

■ 11.3747, 6.3994,
49.3514

■ 71.5735, 78.3895,
60.0741

■ 10.1452, 4.8602,
49.1191

■ 83.5076, 92.5482,
62.1780

■ 9.4899, 4.0158,
48.9907

■ 86.2944, 96.4977,
62.7934

■ 9.3737, 3.8764,
48.9699

Harmonies

Analogous

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



25.5436, 27.8771, 54.3598



29.1536, 27.8771, 52.5595



32.2955, 27.8771, 44.2005

Triad

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



29.1536, 27.8771, 52.5595



30.9704, 27.8771, 17.3245



20.2477, 27.8771, 27.6744

Complementary

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



29.1536, 27.8771, 52.5595



43.8065, 48.7492, 31.1465

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.



21.4366, 27.8771, 19.7503



29.1536, 27.8771, 52.5595



27.4725, 27.8771, 14.7176

Square

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



29.1536, 27.8771, 52.5595



33.4085, 27.8771, 23.5646



24.0057, 27.8771, 15.4927



20.6101, 27.8771, 38.3349

Rectangle

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



29.1536, 27.8771, 52.5595



33.5956, 27.8771, 36.8825



24.0057, 27.8771, 15.4927



20.4750, 27.8771, 24.6442

Sweetspot

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



29.1545, 27.8782, 52.5601



76.5311, 78.8242, 99.4601



37.9080, 45.8359, 54.0883



16.3366, 16.7499, 21.7573



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.1545, 27.8782, 52.5601



46.6734, 43.1396, 94.1460



33.1623, 29.5144, 52.6647



9.0451, 9.2826, 11.9872



6.2462, 2.6041, 32.5663



0.2549, 0.1224, 1.2790

Inverse Universe

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



35.0581, 31.0185, 28.9514



59.2162, 49.8697, 43.9740



38.8536, 46.8345, 31.0380



9.5446, 9.5422, 9.9911



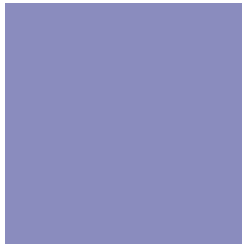
14.1535, 7.2926, 0.8362



0.5595, 0.2877, 0.0598

Previews

White Background



This preview shows how the XYZ color 29.1536, 27.8771, 52.5595 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 29.1536, 27.8771, 52.5595 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 29.1536, 27.8771, 52.5595

Background



This preview shows how black text looks on a background with the XYZ color 29.1536, 27.8771, 52.5595.



This preview shows how white text looks on a background with the XYZ color 29.1536, 27.8771,

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

29.1536, 27.8771, 52.5595

Protanopia

28.3933, 27.8976, 53.7575

Deuteranopia

28.6401, 28.0503, 52.6199



Tritanopia

25.8105, 27.8517, 36.3633

Trichromacy



Original Color

29.1536, 27.8771, 52.5595

Protanomaly

28.6017, 27.7979, 53.1483

Deuteranomaly

28.8108, 27.9184, 52.5855

Tritanomaly

27.0605, 27.9171, 41.9925

Monochromacy



Original Color

29.1536, 27.8771, 52.5595

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.4108, 27.9689, 37.6720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1536, 27.8771, 52.5595 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(138, 140, 190)` looks like.

```
.text, #text, p{  
    color:rgb(138, 140, 190)  
}
```

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(138, 140, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 140, 190) }
```

Border

The CSS property to change the border of an element to XYZ 29.1536, 27.8771, 52.5595 is called "border". The border property can be set on classes, ids or directly on the HTML element.

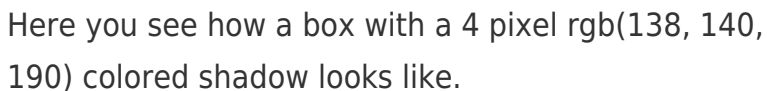
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 140, 190) }
```


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

```
.border{ border-color:rgb(138, 140, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 140, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 140, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 140, 190); box-shadow:4px 4px 4px 4px rgb(138, 140, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1536, 27.8771, 52.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 140, 190) }
```

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

```
.background{ background-color: rgb(138,  
140, 190) }
```

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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