

Converting Colors

XYZ(29.0338, 27.3102, 46.2843)

Have a look what the booklet for
XYZ(29.0338, 27.3102, 46.2843)
contains.

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Color

**XYZ(29.1150, 27.3490,
46.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	9389B3
RGB	147, 137, 179
RGB Percent	58%, 54%, 70%
CMY	0.4235, 0.4627, 0.2980
CMYK	0.18, 0.23, 0.00, 0.30
HSL	254°, 22%, 62%
HSV	254°, 23%, 70%
XYZ	29.1150, 27.3490, 46.3922
YIQ	144.7780, -7.5220, 15.1820

Conversions

Conversions Part 2

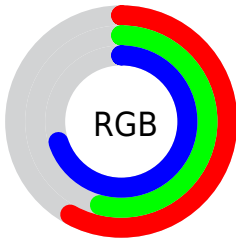
Format	Color
RYB	147, 137, 179
Decimal	9669043
CIELab	59.30, 12.50, -20.68
CIElCh	59, 24.160, 301.156
Yxy	27.3490, 0.2831, 0.2659
Android (android.graphics.Color)	4287859123 (0xFF9389B3)
YUV	144.7780, 16.8714, 1.9487
Hunter-Lab	52.2963, 7.8582, -15.9890

Details

The XYZ color **29.1150, 27.3490, 46.3922** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.9984, 42.4820, 29.9178**, and the grayscale version is **26.7602, 28.1538, 30.6595**.

A 20% lighter version of the original color is **57.4962, 55.2426, 86.2298**, and **11.9980, 10.8095, 21.1928** is the 20% darker color. If you saturate the color by 10%, you get **24.4763, 21.4891, 45.5061**, and if you desaturate by 10%, it is **34.4676, 34.2049, 47.4339**.

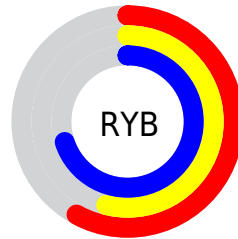
Distribution



Red (58%)

Green (54%)

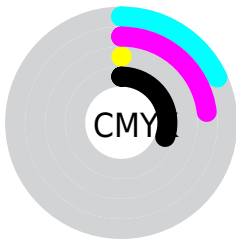
Blue (70%)



Red (58%)

Yellow (54%)

Blue (70%)

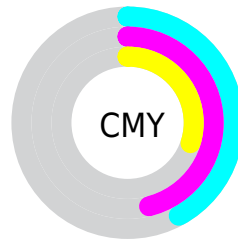


Cyan (18%)

Magenta (23%)

Yellow (0%)

Black (30%)



Cyan (42%)

Magenta (46%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1150, 27.3490, 46.3922 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 29.1150, 27.3490, 46.3922 by changing the saturation by 10% instead.

■ 29.1150, 27.3490,
46.3922

■ 29.1150, 27.3490,
46.3922

289.7416,
289.3430, 388.7065

■ 19.3126, 17.8355,
32.2045

■ 57.6560, 55.4434,
86.1461

■ 12.0017, 10.8320,
21.2517

■ 77.1253, 74.7931,
112.5494

■ 6.8170, 5.9539,
13.1150

■ 100.5477, 98.1903,
143.8617

■ 3.3932, 2.8171,
7.3762

128.2883,
126.0194, 180.5015

■ 1.3650, 1.0370,
3.6164

160.7127,
158.6649, 222.8873

■ 0.2311, 0.0000,
1.4174

198.1861,

■ 0.0000, 0.0000,

196.5110, 271.4377

0.1552

241.0740,
239.9422, 326.5713

■ 0.0000, 0.0000,
0.0000

■ 29.1150, 27.3490,
46.3922

■ 29.1150, 27.3490,
46.3922

■ 24.4763, 21.4891,
45.5061

■ 34.4676, 34.2049,
47.4339

■ 20.5179, 16.5750,
44.7662

■ 40.5603, 42.0971,
48.6361

■ 17.2075, 12.5572,
44.1651

■ 47.4215, 51.0678,
50.0060

■ 14.5089, 9.3802,
43.6941

■ 55.0770, 61.1558,
51.5497

■ 12.3822, 6.9823,
43.3434

■ 63.5514, 72.3980,
53.2730

■ 10.7825, 5.2930,
43.1016

■ 72.8684, 84.8295,
55.1814

■ 9.6570, 4.2283,
42.9554

■ 80.6763, 93.7352,
56.4889

■ 9.1171, 3.7601,
42.8935

■ 85.1368, 96.0347,
56.6977

Harmonies

Analogous

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



26.1117, 27.3490, 49.6854



29.1150, 27.3490, 46.3922



31.4182, 27.3490, 38.5407

Triad

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



29.1150, 27.3490, 46.3922



28.8968, 27.3490, 17.4604



20.6116, 27.3490, 30.1151

Complementary

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



29.1150, 27.3490, 46.3922



36.9984, 42.4820, 29.9178

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.



21.2338, 27.3490, 22.4563



29.1150, 27.3490, 46.3922



25.8775, 27.3490, 16.0572

Square

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



29.1150, 27.3490, 46.3922



31.2855, 27.3490, 21.9784



23.1052, 27.3490, 17.6964



21.3363, 27.3490, 39.2348

Rectangle

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



29.1150, 27.3490, 46.3922



32.1629, 27.3490, 32.4083



23.1052, 27.3490, 17.6964



20.6698, 27.3490, 27.2947

Sweetspot

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



29.1159, 27.3501, 46.3928



68.4955, 70.0065, 86.2837



32.6792, 37.0242, 48.0723



15.0314, 15.3235, 19.0877



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.1159, 27.3501, 46.3928



47.8258, 43.5060, 82.2580



33.1891, 29.4499, 46.5834



8.2251, 8.3246, 10.6796



6.4923, 2.6827, 30.3126



0.2569, 0.1115, 0.9562

Inverse Universe

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



34.6983, 30.3406, 41.5644



59.5974, 49.8174, 71.8344



32.8852, 40.3616, 29.7254



8.7618, 8.6114, 10.2440



16.3227, 8.0466, 17.3909



0.5346, 0.2616, 0.6578

Previews

White Background



This preview shows how the XYZ color 29.1150, 27.3490, 46.3922 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 29.1150, 27.3490, 46.3922 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 29.1150, 27.3490, 46.3922

Background



This preview shows how black text looks on a background with the XYZ color 29.1150, 27.3490, 46.3922.



This preview shows how white text looks on a background with the XYZ color 29.1150, 27.3490,

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

29.1150, 27.3490, 46.3922

Protanopia

27.4841, 27.3327, 48.0831

Deuteranopia

27.8952, 27.3738, 45.9329



Tritanopia

26.5781, 27.3967, 34.0243

Trichromacy



Original Color

29.1150, 27.3490, 46.3922

Protanomaly

28.0351, 27.4107, 47.5293

Deuteranomaly

28.2530, 27.3423, 45.9080

Tritanomaly

27.4013, 27.2941, 38.0065

Monochromacy



Original Color

29.1150, 27.3490, 46.3922

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.6129, 27.8913, 35.8265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1150, 27.3490, 46.3922 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(147, 137, 179)` looks like.

```
.text, #text, p{  
    color:rgb(147, 137, 179)  
}
```

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(147, 137, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 137, 179) }
```

Border

The CSS property to change the border of an element to XYZ 29.1150, 27.3490, 46.3922 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(147, 137, 179) }
```


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

```
.border{ border-color:rgb(147, 137, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 137, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 137, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 137, 179);  
box-shadow:4px 4px 4px 4px rgb(147, 137,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1150, 27.3490, 46.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 137, 179) }
```

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

```
.background{ background-color: rgb(147,  
137, 179) }
```

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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