

Converting Colors

XYZ(30.6395, 28.1233, 47.5635)

Have a look what the booklet for
XYZ(30.6395, 28.1233, 47.5635)
contains.

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Color

**XYZ(30.6126, 28.0975,
47.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	9A89B5
RGB	154, 137, 181
RGB Percent	60%, 54%, 71%
CMY	0.3961, 0.4627, 0.2902
CMYK	0.15, 0.24, 0.00, 0.29
HSL	263°, 23%, 62%
HSV	263°, 24%, 71%
XYZ	30.6126, 28.0975, 47.5260
YIQ	147.0990, -3.9920, 17.2880

Conversions

Conversions Part 2

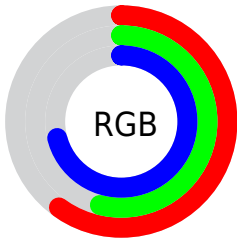
Format	Color
RYB	154, 137, 181
Decimal	10127797
CIELab	59.98, 15.25, -20.72
CIElCh	60, 25.724, 306.353
Yxy	28.0975, 0.2882, 0.2645
Android (android.graphics.Color)	4288317877 (0xFF9A89B5)
YUV	147.0990, 16.7132, 6.0522
Hunter-Lab	53.0071, 10.3248, -16.0543

Details

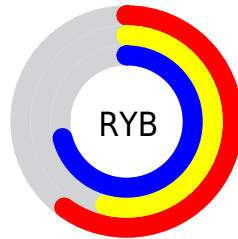
The XYZ color **30.6126, 28.0975, 47.5260** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.3499, 42.7471, 30.0033**, and the grayscale version is **27.7091, 29.1521, 31.7466**.

A 20% lighter version of the original color is **59.9940, 56.4966, 87.8637**, and **12.7840, 11.1997, 21.9100** is the 20% darker color. If you saturate the color by 10%, you get **26.2354, 22.3371, 46.6453**, and if you desaturate by 10%, it is **35.6188, 34.8243, 48.5610**.

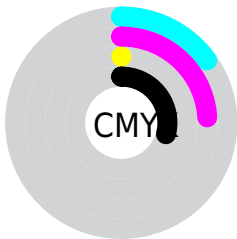
Distribution



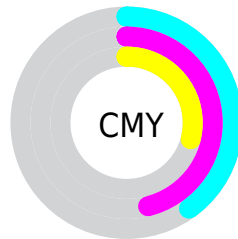
- Red (60%)
- Green (54%)
- Blue (71%)



- Red (60%)
- Yellow (54%)
- Blue (71%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6126, 28.0975, 47.5260 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 30.6126, 28.0975, 47.5260 by changing the saturation by 10% instead.

■ 30.6126, 28.0975,
47.5260

■ 30.6126, 28.0975,
47.5260

296.6084,
292.9325, 393.3646

■ 20.4544, 18.3992,
33.0944

■ 60.0096, 56.6401,
87.8564

■ 12.8360, 11.2369,
21.9270

■ 79.9792, 76.2531,
114.5923

■ 7.3919, 6.2264,
13.6055

■ 103.9499, 99.9398,
146.2666

■ 3.7569, 2.9833,
7.7112

132.2871,
128.0846, 183.2980

■ 1.5655, 1.1230,
3.8256

165.3563,
161.0719, 226.1050

■ 0.3698, 0.0000,
1.5302

203.5226,

■ 0.0000, 0.0000,

199.2860, 275.1060

0.2402

247.1516,
243.1114, 330.7197

■ 0.0000, 0.0000,
0.0000

■ 30.6126, 28.0975,
47.5260

■ 30.6126, 28.0975,
47.5260

■ 26.2354, 22.3371,
46.6453

■ 35.6188, 34.8243,
48.5610

■ 22.4578, 17.4938,
45.9095

■ 41.2765, 42.5567,
49.7553

■ 19.2517, 13.5193,
45.3114

■ 47.6102, 51.3359,
51.1160

■ 16.5857, 10.3591,
44.8419

■ 54.6424, 61.1997,
52.6493

■ 14.4249, 7.9525,
44.4912

■ 62.3943, 72.1840,
54.3609

■ 12.7296, 6.2296,
44.2481

■ 70.8864, 84.3232,
56.2564

■ 11.4531, 5.1068,
44.0986

■ 77.2985, 91.9704,
57.3945

■ 10.8614, 4.6358,
44.0389

■ 81.0137, 93.8856,
57.5684

■ 84.9608, 95.9204,
57.7531

Harmonies

Analogous

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



27.4083, 28.0975, 52.2297



30.6126, 28.0975, 47.5260



32.8954, 28.0975, 38.4070

Triad

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



30.6126, 28.0975, 47.5260



29.3104, 28.0975, 16.8752



20.9268, 28.0975, 32.6314

Complementary

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



30.6126, 28.0975, 47.5260



36.3499, 42.7471, 30.0033

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.



21.3458, 28.0975, 23.9186



30.6126, 28.0975, 47.5260



26.0155, 28.0975, 15.9492

Square

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



30.6126, 28.0975, 47.5260



32.1017, 28.0975, 21.1052



23.1464, 28.0975, 18.2524



21.9512, 28.0975, 42.5688

Rectangle

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



30.6126, 28.0975, 47.5260



33.4916, 28.0975, 31.7543



23.1464, 28.0975, 18.2524



20.9048, 28.0975, 29.4612

Sweetspot

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



30.6135, 28.0987, 47.5266



70.9580, 72.1412, 88.4794



31.9573, 35.2542, 48.8370



15.2062, 15.4136, 19.0959



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.



30.6135, 28.0987, 47.5266



50.6315, 44.7717, 84.2678



35.1613, 30.4431, 47.7395



8.3421, 8.3849, 10.6851



7.5601, 3.2332, 30.3626



0.3042, 0.1359, 0.9584

Inverse Universe

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



34.7034, 30.3965, 39.1610



59.2923, 49.6424, 66.3345



32.2184, 40.6172, 29.8099



8.7081, 8.5900, 9.9613



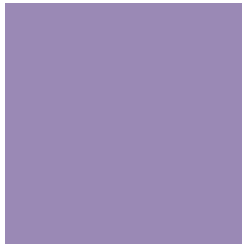
15.1522, 7.5784, 11.2273



0.5043, 0.2495, 0.4981

Previews

White Background



This preview shows how the XYZ color 30.6126, 28.0975, 47.5260 looks on a white background.

Color Contrast Check

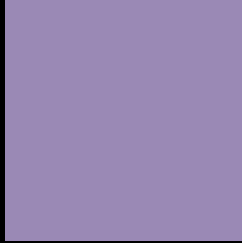
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6126, 28.0975, 47.5260 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 30.6126, 28.0975, 47.5260

Background



This preview shows how black text looks on a background with the XYZ color 30.6126, 28.0975, 47.5260.



This preview shows how white text looks on a background with the XYZ color 30.6126, 28.0975,

47.5260.

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

30.6126, 28.0975, 47.5260

Protanopia

28.4109, 28.2160, 49.8478

Deuteranopia

28.7264, 28.2167, 47.1123



Tritanopia

27.8172, 28.0355, 34.0823

Trichromacy



Original Color

30.6126, 28.0975, 47.5260

Protanomaly

29.1611, 28.1732, 49.2484

Deuteranomaly

29.2934, 28.0712, 47.0544

Tritanomaly

28.7514, 27.9798, 38.5356

Monochromacy



Original Color

30.6126, 28.0975, 47.5260

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.6581, 28.6322, 36.8170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6126, 28.0975, 47.5260 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, 137, 181)` looks like.

```
.text, #text, p{  
    color:rgb(154, 137, 181)  
}
```

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, 137, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 137, 181) }
```

Border

The CSS property to change the border of an element to XYZ 30.6126, 28.0975, 47.5260 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, 137, 181) }
```


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

```
.border{ border-color:rgb(154, 137, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 137, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 137, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 137, 181);  
box-shadow:4px 4px 4px 4px rgb(154, 137,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6126, 28.0975, 47.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 137, 181) }
```

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

```
.background{ background-color: rgb(154,  
137, 181) }
```

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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