

Converting Colors

XYZ(30.5664, 27.4730, 46.3396)

Have a look what the booklet for
XYZ(30.5664, 27.4730, 46.3396)
contains.

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Color

**XYZ(30.5664, 27.4730,
46.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	9D86B3
RGB	157, 134, 179
RGB Percent	62%, 53%, 70%
CMY	0.3843, 0.4745, 0.2980
CMYK	0.12, 0.25, 0.00, 0.30
HSL	271°, 23%, 61%
HSV	271°, 25%, 70%
XYZ	30.5664, 27.4730, 46.3396
YIQ	146.0070, -0.7370, 18.8710

Conversions

Conversions Part 2

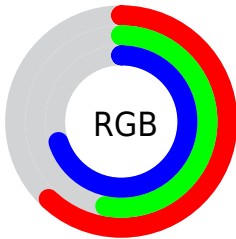
Format	Color
RYB	157, 134, 179
Decimal	10323635
CIELab	59.41, 17.52, -20.42
CIELCh	59, 26.908, 310.626
Yxy	27.4730, 0.2928, 0.2632
Android (android.graphics.Color)	4288513715 (0xFF9D86B3)
YUV	146.0070, 16.2655, 9.6409
Hunter-Lab	52.4147, 12.3692, -15.7277

Details

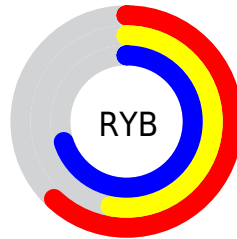
The XYZ color **30.5664, 27.4730, 46.3396** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.1345, 41.0301, 28.6761**, and the grayscale version is **27.2609, 28.6806, 31.2332**.

A 20% lighter version of the original color is **59.9171, 55.5359, 86.1588**, and **12.7619, 10.8503, 21.1603** is the 20% darker color. If you saturate the color by 10%, you get **26.6521, 22.0886, 45.5070**, and if you desaturate by 10%, it is **35.0235, 33.7602, 47.3187**.

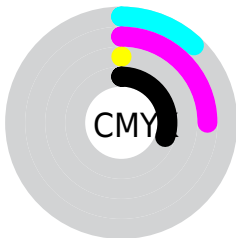
Distribution



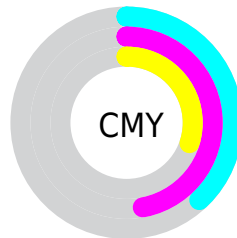
- Red (62%)
- Green (53%)
- Blue (70%)



- Red (62%)
- Yellow (53%)
- Blue (70%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (47%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5664, 27.4730, 46.3396 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 30.5664, 27.4730, 46.3396 by changing the saturation by 10% instead.

■ 30.5664, 27.4730,
46.3396

■ 30.5664, 27.4730,
46.3396

296.3984,
289.9401, 388.4895

■ 20.4191, 17.9288,
32.1633

■ 59.9373, 55.6420,
86.0666

■ 12.8101, 10.8989,
21.2204

■ 79.8915, 75.0355,
112.4545

■ 7.3740, 5.9989,
13.0924

■ 103.8455, 98.4809,
143.7498

■ 3.7455, 2.8444,
7.3607

132.1646,
126.3626, 180.3714

■ 1.5592, 1.0510,
3.6069

165.2140,
159.0649, 222.7375

■ 0.3656, 0.0000,
1.4122

203.3592,

■ 0.0000, 0.0000,

196.9724, 271.2669

0.1512

246.9656,
240.4693, 326.3780

■ 0.0000, 0.0000,
0.0000

■ 30.5664, 27.4730,
46.3396

■ 30.5664, 27.4730,
46.3396

■ 26.6521, 22.0886,
45.5070

■ 35.0235, 33.7602,
47.3187

■ 23.2544, 17.5602,
44.8120

■ 40.0429, 40.9873,
48.4491

■ 20.3486, 13.8417,
44.2475

■ 45.6461, 49.1934,
49.7377

■ 17.9068, 10.8812,
43.8047

■ 51.8529, 58.4143,
51.1904

■ 15.8978, 8.6207,
43.4743

■ 58.6819, 68.6839,
52.8127

■ 14.2860, 6.9931,
43.2451

■ 66.1509, 80.0346,
54.6099

■ 13.0279, 5.9164,
43.1036

■ 72.8885, 89.7205,
56.1244

■ 12.4993, 5.5037,
43.0518

■ 75.5794, 91.1077,
56.2503

■ 78.4106, 92.5673,
56.3828

Harmonies

Analogous

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



27.3264, 27.4730, 52.1322



30.5664, 27.4730, 46.3396



32.7202, 27.4730, 36.5073

Triad

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



30.5664, 27.4730, 46.3396



28.3232, 27.4730, 15.5908



20.2430, 27.4730, 33.4704

Complementary

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



30.5664, 27.4730, 46.3396



34.1345, 41.0301, 28.6761

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.



20.4599, 27.4730, 24.1656



30.5664, 27.4730, 46.3396



24.9346, 27.4730, 15.1207

Square

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



30.5664, 27.4730, 46.3396



31.3499, 27.4730, 19.3770



22.1133, 27.4730, 17.9156



21.4931, 27.4730, 43.7090

Rectangle

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



30.5664, 27.4730, 46.3396



33.1484, 27.4730, 29.7111



22.1133, 27.4730, 17.9156



20.1497, 27.4730, 30.1167

Sweetspot

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



30.5673, 27.4741, 46.3402



68.9127, 69.3462, 86.1342



29.9418, 32.2692, 47.2987



14.9653, 14.9274, 19.0148



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.



30.5673, 27.4741, 46.3402



50.8623, 43.8310, 82.1607



35.2529, 29.8897, 46.5595



8.4422, 8.4365, 10.6898



8.9079, 3.9280, 30.4257



0.3474, 0.1582, 0.9605

Inverse Universe

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



33.1172, 29.0354, 35.3127



56.3095, 47.1653, 58.6415



30.2557, 39.0305, 28.4946



8.6637, 8.5722, 9.7276



14.4001, 7.2776, 7.2670



0.4826, 0.2408, 0.3840

Previews

White Background



This preview shows how the XYZ color 30.5664, 27.4730, 46.3396 looks on a white background.

Color Contrast Check

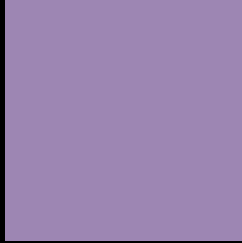
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5664, 27.4730, 46.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

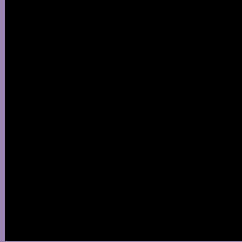
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5664, 27.4730, 46.3396

Background



This preview shows how black text looks on a background with the XYZ color 30.5664, 27.4730, 46.3396.



This preview shows how white text looks on a background with the XYZ color 30.5664, 27.4730,

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

30.5664, 27.4730, 46.3396

Protanopia

27.8404, 27.7122, 49.2290

Deuteranopia

28.0614, 27.4595, 45.9407



Tritanopia

27.6865, 27.3426, 32.6726

Trichromacy



Original Color

30.5664, 27.4730, 46.3396

Protanomaly

28.6606, 27.5054, 48.0545

Deuteranomaly

28.9784, 27.5023, 45.9006

Tritanomaly

28.7051, 27.3346, 37.4814

Monochromacy



Original Color

30.5664, 27.4730, 46.3396

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.4222, 28.2987, 36.3119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5664, 27.4730, 46.3396 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(157, 134, 179)` looks like.

```
.text, #text, p{  
    color:rgb(157, 134, 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(157, 134, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 134, 179) }
```

Border

The CSS property to change the border of an element to XYZ 30.5664, 27.4730, 46.3396 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(157, 134, 179) }
```


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

```
.border{ border-color:rgb(157, 134, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 134, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 134, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 134, 179);  
box-shadow:4px 4px 4px 4px rgb(157, 134,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5664, 27.4730, 46.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 134, 179) }
```

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

```
.background{ background-color: rgb(157,  
134, 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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