

Converting Colors

XYZ(30.3166, 26.5505, 45.6464)

Have a look what the booklet for
XYZ(30.3166, 26.5505, 45.6464)
contains.

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Color

**XYZ(30.3166, 26.5505,
45.6464)**

Conversions

Conversions Part 1

Format	Color
Hex	9F82B2
RGB	159, 130, 178
RGB Percent	62%, 51%, 70%
CMY	0.3765, 0.4902, 0.3020
CMYK	0.11, 0.27, 0.00, 0.30
HSL	276°, 24%, 60%
HSV	276°, 27%, 70%
XYZ	30.3166, 26.5505, 45.6464
YIQ	144.1430, 1.8760, 21.0760

Conversions

Conversions Part 2

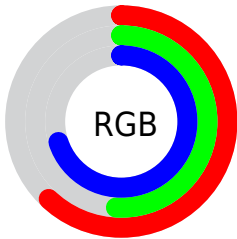
Format	Color
RYB	159, 130, 178
Decimal	10453682
CIELab	58.56, 20.26, -21.14
CIElCh	59, 29.284, 313.787
Yxy	26.5505, 0.2957, 0.2590
Android (android.graphics.Color)	4288643762 (0xFF9F82B2)
YUV	144.1430, 16.6915, 13.0296
Hunter-Lab	51.5272, 14.8499, -16.4542

Details

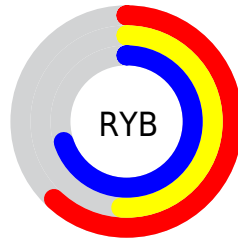
The XYZ color **30.3166, 26.5505, 45.6464** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.3449, 39.8427, 27.1059**, and the grayscale version is **26.5019, 27.8820, 30.3635**.

A 20% lighter version of the original color is **59.5163, 54.1036, 85.1481**, and **12.6337, 10.3438, 20.7327** is the 20% darker color. If you saturate the color by 10%, you get **26.7932, 21.5188, 44.8613**, and if you desaturate by 10%, it is **34.3309, 32.4447, 46.5729**.

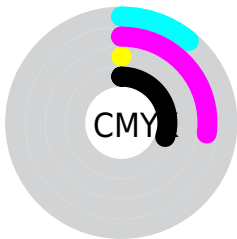
Distribution



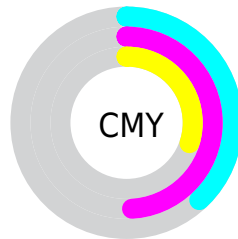
- Red (62%)
- Green (51%)
- Blue (70%)



- Red (62%)
- Yellow (51%)
- Blue (70%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3166, 26.5505, 45.6464 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 30.3166, 26.5505, 45.6464 by changing the saturation by 10% instead.

■ 30.3166, 26.5505,
45.6464

■ 30.3166, 26.5505,
45.6464

295.2608,
285.4741, 385.6214

■ 20.2283, 17.2359,
31.6202

■ 59.5457, 54.1617,
85.0183

■ 12.6703, 10.4028,
20.8092

■ 79.4172, 73.2271,
111.2010

■ 7.2774, 5.6669,
12.7947

■ 103.2805, 96.3116,
142.2731

■ 3.6840, 2.6436,
7.1583

131.5009,
123.7996, 178.6529

■ 1.5250, 0.9486,
3.4813

164.4437,
156.0755, 220.7592

■ 0.3427, 0.0000,
1.3454

202.4745,

■ 0.0000, 0.0000,

193.5235, 269.0103

0.0985

245.9584,
236.5283, 323.8249

■ 0.0000, 0.0000,
0.0000

■ 30.3166, 26.5505,
45.6464

■ 30.3166, 26.5505,
45.6464

■ 26.7932, 21.5188,
44.8613

■ 34.3309, 32.4447,
46.5729

■ 23.7358, 17.3032,
44.2088

■ 38.8545, 39.2377,
47.6457

■ 21.1209, 13.8584,
43.6817

■ 43.9077, 46.9681,
48.8715

■ 18.9218, 11.1329,
43.2715

■ 49.5090, 55.6708,
50.2561

■ 17.1083, 9.0686,
42.9686

■ 55.6759, 65.3793,
51.8049

■ 15.6458, 7.5983,
42.7619

■ 62.4253, 76.1251,
53.5234

■ 14.4853, 6.6262,
42.6354

■ 69.7730, 87.9386,
55.4163

■ 14.1648, 6.3739,
42.6036

■ 71.9287, 89.2373,
55.5534

■ 74.0473, 90.3295,
55.6525

Harmonies

Analogous

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



26.9155, 26.5505, 52.6555



30.3166, 26.5505, 45.6464



32.4564, 26.5505, 34.7836

Triad

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



30.3166, 26.5505, 45.6464



27.2110, 26.5505, 13.7848



19.1110, 26.5505, 33.8778

Complementary

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



30.3166, 26.5505, 45.6464



32.3449, 39.8427, 27.1059

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.



19.1738, 26.5505, 23.7361



30.3166, 26.5505, 45.6464



23.6268, 26.5505, 13.6531

Square

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



30.3166, 26.5505, 45.6464



30.5505, 26.5505, 17.2792



20.7563, 26.5505, 16.8630



20.5756, 26.5505, 44.8493

Rectangle

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



30.3166, 26.5505, 45.6464



32.7640, 26.5505, 27.6235



20.7563, 26.5505, 16.8630



18.9587, 26.5505, 30.2338

Sweetspot

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



30.3175, 26.5516, 45.6470



69.4477, 69.6221, 86.1593



28.0219, 29.5194, 46.3408



15.1044, 14.9991, 19.0213



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.



30.3175, 26.5516, 45.6470



51.2996, 42.8609, 81.9504



33.9057, 28.4561, 43.3428



8.5180, 8.4755, 10.6933



10.2072, 4.5978, 30.4865



0.3846, 0.1774, 0.9622

Inverse Universe

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



31.7683, 27.6012, 32.0879



54.4764, 45.1435, 52.9611



29.4863, 38.3309, 28.6935



8.6310, 8.5591, 9.5555



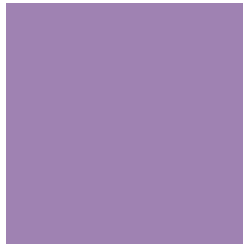
13.9674, 7.1045, 4.9885



0.4686, 0.2352, 0.3106

Previews

White Background



This preview shows how the XYZ color 30.3166, 26.5505, 45.6464 looks on a white background.

Color Contrast Check

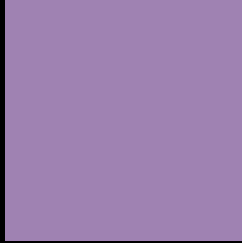
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3166, 26.5505, 45.6464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

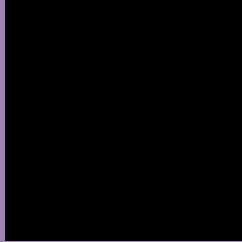
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3166, 26.5505, 45.6464

Background



This preview shows how black text looks on a background with the XYZ color 30.3166, 26.5505, 45.6464.



This preview shows how white text looks on a background with the XYZ color 30.3166, 26.5505,

45.6464.

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

30.3166, 26.5505, 45.6464

Protanopia

27.0428, 26.6351, 49.6147

Deuteranopia

27.0783, 26.5458, 44.7710



Tritanopia

27.3970, 26.5849, 31.2912

Trichromacy



Original Color

30.3166, 26.5505, 45.6464

Protanomaly

28.0629, 26.5612, 47.9037

Deuteranomaly

28.1014, 26.4316, 45.2157

Tritanomaly

28.4070, 26.5867, 35.9823

Monochromacy



Original Color

30.3166, 26.5505, 45.6464

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.6278, 27.2551, 35.2571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3166, 26.5505, 45.6464 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(159, 130, 178)` looks like.

```
.text, #text, p{  
    color:rgb(159, 130, 178)  
}
```

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(159, 130, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 130, 178) }
```

Border

The CSS property to change the border of an element to XYZ 30.3166, 26.5505, 45.6464 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(159, 130, 178) }
```


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

```
.border{ border-color:rgb(159, 130, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 130, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 130, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 130, 178);  
box-shadow:4px 4px 4px 4px rgb(159, 130,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3166, 26.5505, 45.6464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 130, 178) }
```

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

```
.background{ background-color: rgb(159,  
130, 178) }
```

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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