

Converting Colors

XYZ(29.0713, 26.3300, 45.4164)

Have a look what the booklet for
XYZ(29.0713, 26.3300, 45.4164)
contains.

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Color

**XYZ(29.0496, 26.2962,
45.6641)**

Conversions

Conversions Part 1

Format	Color
Hex	9784B2
RGB	151, 132, 178
RGB Percent	59%, 52%, 70%
CMY	0.4078, 0.4823, 0.3020
CMYK	0.15, 0.26, 0.00, 0.30
HSL	265°, 23%, 61%
HSV	265°, 26%, 70%
XYZ	29.0496, 26.2962, 45.6641
YIQ	142.9250, -3.4420, 18.3340

Conversions

Conversions Part 2

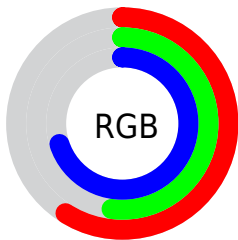
Format	Color
RYB	151, 132, 178
Decimal	9929906
CIELab	58.32, 16.47, -21.57
CIELCh	58, 27.138, 307.356
Yxy	26.2962, 0.2876, 0.2603
Android (android.graphics.Color)	4288119986 (0xFF9784B2)
YUV	142.9250, 17.2920, 7.0818
Hunter-Lab	51.2798, 11.3791, -16.9012

Details

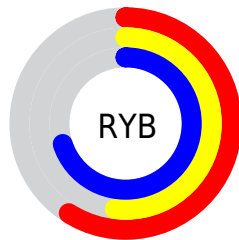
The XYZ color **29.0496, 26.2962, 45.6641** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.3843, 40.8784, 27.9091**, and the grayscale version is **26.0134, 27.3681, 29.8039**.

A 20% lighter version of the original color is **57.6538, 53.7602, 85.1800**, and **11.9745, 10.2246, 20.7445** is the 20% darker color. If you saturate the color by 10%, you get **24.9849, 20.9186, 44.8408**, and if you desaturate by 10%, it is **33.6997, 32.5883, 46.6339**.

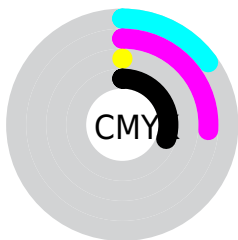
Distribution



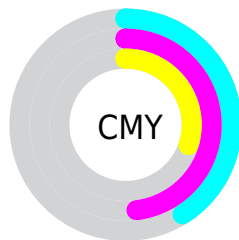
- Red (59%)
- Green (52%)
- Blue (70%)



- Red (59%)
- Yellow (52%)
- Blue (70%)



- Cyan (15%)
- Magenta (26%)
- Yellow (0%)
- Black (30%)



- Cyan (41%)
- Magenta (48%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0496, 26.2962, 45.6641 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 29.0496, 26.2962, 45.6641 by changing the saturation by 10% instead.

■ 29.0496, 26.2962,
45.6641

■ 29.0496, 26.2962,
45.6641

289.4389,
284.2331, 385.6948

■ 19.2628, 17.0454,
31.6341

■ 57.5529, 53.7524,
85.0451

■ 11.9655, 10.2668,
20.8197

■ 77.0001, 72.7266,
111.2331

■ 6.7922, 5.5762,
12.8023

■ 100.3982, 95.7106,
142.3108

■ 3.3777, 2.5892,
7.1634

128.1125,
123.0889, 178.6969

■ 1.3565, 0.9212,
3.4845

160.5083,
155.2460, 220.8098

■ 0.2249, 0.0000,
1.3470

197.9511,

■ 0.0000, 0.0000,

192.5661, 269.0680

0.0999

240.8062,
235.4336, 323.8902

■ 0.0000, 0.0000,
0.0000

■ 29.0496, 26.2962,
45.6641

■ 29.0496, 26.2962,
45.6641

■ 24.9849, 20.9186,
44.8408

■ 33.6997, 32.5883,
46.6339

■ 21.4777, 16.4080,
44.1550

■ 38.9564, 39.8326,
47.7552

■ 18.5016, 12.7178,
43.5996

■ 44.8428, 48.0688,
49.0347

■ 16.0265, 9.7953,
43.1659

■ 51.3800, 57.3330,
50.4783

■ 14.0194, 7.5815,
42.8444

■ 58.5882, 67.6600,
52.0917

■ 12.4420, 6.0083,
42.6239

■ 66.4866, 79.0824,
53.8801

■ 11.2470, 4.9890,
42.4901

■ 74.5796, 90.6039,
55.6775

■ 10.8230, 4.6512,
42.4473

■ 77.9209, 92.3264,
55.8338

■ 81.4647, 94.1533,
55.9997

Harmonies

Analogous

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



25.8159, 26.2962, 50.7301



29.0496, 26.2962, 45.6641



31.3267, 26.2962, 36.2230

Triad

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



29.0496, 26.2962, 45.6641



27.5201, 26.2962, 14.9101



19.2083, 26.2962, 31.0250

Complementary

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



29.0496, 26.2962, 45.6641



34.3843, 40.8784, 27.9091

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.



19.5776, 26.2962, 22.1835



29.0496, 26.2962, 45.6641



24.1893, 26.2962, 14.1139

Square

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



29.0496, 26.2962, 45.6641



30.3907, 26.2962, 18.9514



21.3342, 26.2962, 16.4691



20.2768, 26.2962, 41.1499

Rectangle

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



29.0496, 26.2962, 45.6641



31.8914, 26.2962, 29.4796



21.3342, 26.2962, 16.4691



19.1701, 26.2962, 27.8010

Sweetspot

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



29.0504, 26.2973, 45.6647



68.3548, 69.0586, 86.1081



30.0541, 33.1240, 46.9295



14.8205, 14.8527, 19.0080



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.



29.0504, 26.2973, 45.6647



48.3549, 41.9350, 81.9269



33.6101, 28.6479, 45.8781



8.3634, 8.3958, 10.6861



7.8120, 3.3630, 30.3744



0.3128, 0.1404, 0.9588

Inverse Universe

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



32.8703, 28.4718, 36.5654



56.5865, 46.6259, 62.1051



30.3373, 38.7921, 27.7197



8.6986, 8.5861, 9.9111



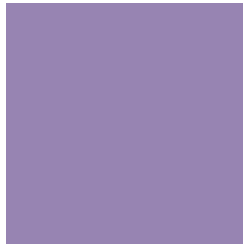
14.9742, 7.5072, 10.2898



0.4993, 0.2475, 0.4722

Previews

White Background



This preview shows how the XYZ color 29.0496, 26.2962, 45.6641 looks on a white background.

Color Contrast Check

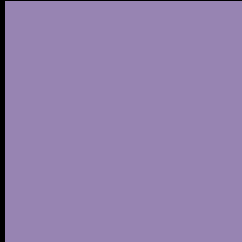
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0496, 26.2962, 45.6641 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 29.0496, 26.2962, 45.6641

Background



This preview shows how black text looks on a background with the XYZ color 29.0496, 26.2962, 45.6641.



This preview shows how white text looks on a background with the XYZ color 29.0496, 26.2962,

45.6641.

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

29.0496, 26.2962, 45.6641

Protanopia

26.8331, 26.5513, 48.5104

Deuteranopia

27.0160, 26.5022, 45.2865



Tritanopia

26.2878, 26.4261, 31.7322

Trichromacy



Original Color

29.0496, 26.2962, 45.6641

Protanomaly

27.4612, 26.2629, 47.3379

Deuteranomaly

27.7245, 26.4454, 45.2382

Tritanomaly

27.2749, 26.4074, 36.4605

Monochromacy



Original Color

29.0496, 26.2962, 45.6641

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.0874, 26.9765, 35.2318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0496, 26.2962, 45.6641 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(151, 132, 178)` looks like.

```
.text, #text, p{  
    color:rgb(151, 132, 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(151, 132, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 132, 178) }
```

Border

The CSS property to change the border of an element to XYZ 29.0496, 26.2962, 45.6641 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(151, 132, 178) }
```


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

```
.border{ border-color:rgb(151, 132, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 132, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 132, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 132, 178);  
box-shadow:4px 4px 4px 4px rgb(151, 132,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0496, 26.2962, 45.6641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 132, 178) }
```

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

```
.background{ background-color: rgb(151,  
132, 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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