

Converting Colors

XYZ(18.2335, 16.0446, 27.3366)

Have a look what the booklet for
XYZ(18.2335, 16.0446, 27.3366)
contains.

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Color

**XYZ(18.2622, 16.0592,
27.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	7E678D
RGB	126, 103, 141
RGB Percent	49%, 40%, 55%
CMY	0.5059, 0.5961, 0.4471
CMYK	0.11, 0.27, 0.00, 0.45
HSL	276°, 16%, 48%
HSV	276°, 27%, 55%
XYZ	18.2622, 16.0592, 27.3365
YIQ	114.2090, 1.5100, 16.6940

Conversions

Conversions Part 2

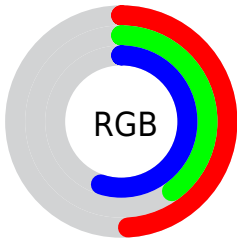
Format	Color
R_{YB}	126, 103, 141
Decimal	8284045
CIE _{Lab}	47.05, 16.74, -17.46
CIE _{LCh}	47, 24.191, 313.799
Yxy	16.0592, 0.2962, 0.2605
Android (android.graphics.Color)	4286474125 (0xFF7E678D)
YUV	114.2090, 13.2080, 10.3407
Hunter-Lab	40.0739, 11.2153, -12.3930

Details

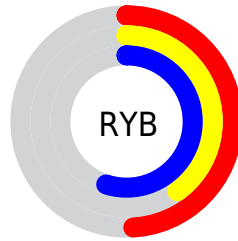
The XYZ color **18.2622, 16.0592, 27.3365** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.4447, 23.8809, 16.4173**, and the grayscale version is **16.0186, 16.8529, 18.3528**.

A 20% lighter version of the original color is **39.9963, 36.6350, 56.5930**, and **6.2830, 5.1202, 10.5547** is the 20% darker color. If you saturate the color by 10%, you get **16.1784, 13.0760, 26.8708**, and if you desaturate by 10%, it is **20.6292, 19.5404, 27.8839**.

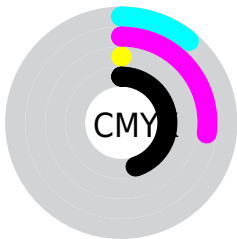
Distribution



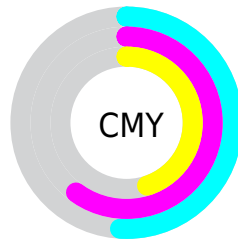
- Red (49%)
- Green (40%)
- Blue (55%)



- Red (49%)
- Yellow (40%)
- Blue (55%)



- Cyan (11%)
- Magenta (27%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2622, 16.0592, 27.3365 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 18.2622, 16.0592, 27.3365 by changing the saturation by 10% instead.

■ 18.2622, 16.0592,
27.3365

■ 18.2622, 16.0592,
27.3365

235.3619,
229.6908, 303.0943

■ 11.2392, 9.5661,
17.5914

■ 40.0102, 36.7009,
56.4337

■ 6.2965, 5.1122,
10.4907

■ 55.4659, 51.6183,
76.6228

■ 3.0685, 2.3132,
5.6156

■ 74.4633, 70.1126,
101.1305

■ 1.1901, 0.7807,
2.5478

■ 97.3676, 92.5681,
130.3751

■ 0.0985, 0.0000,
0.8653

124.5443,
119.3693, 164.7752

■ 0.0000, 0.0000,
0.0000

156.3587,

150.9006, 204.7495

193.1761,
187.5463, 250.7163

■ 18.2622, 16.0592,
27.3365

■ 18.2622, 16.0592,
27.3365

■ 16.1784, 13.0760,
26.8708

■ 20.6292, 19.5404,
27.8839

■ 14.3637, 10.5646,
26.4817

■ 23.2897, 23.5398,
28.5157

■ 12.8049, 8.4995,
26.1652

■ 26.2551, 28.0794,
29.2356

■ 11.4871, 6.8519,
25.9167

■ 29.5359, 33.1788,
30.0470

■ 10.3936, 5.5897,
25.7307

■ 33.1421, 38.8569,
30.9529

9.5052, 4.6756,
25.6010

37.0830, 45.1316,
31.9563

8.7889, 4.0448,
25.5170

41.3677, 52.0202,
33.0601

8.5854, 3.8705,
25.4941

46.0050, 59.5389,
34.2670

51.0032, 67.7038,
35.5795

Harmonies

Analogous

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



16.2568, 16.0592, 31.4480



18.2622, 16.0592, 27.3365



19.5219, 16.0592, 20.9489

Triad

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



18.2622, 16.0592, 27.3365



16.4294, 16.0592, 8.5010



11.6379, 16.0592, 20.4204

Complementary

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



18.2622, 16.0592, 27.3365



19.4447, 23.8809, 16.4173

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.



11.6748, 16.0592, 14.4270



18.2622, 16.0592, 27.3365



14.3121, 16.0592, 8.4230

Square

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



18.2622, 16.0592, 27.3365



18.3986, 16.0592, 10.5869



12.6130, 16.0592, 10.3413



12.5069, 16.0592, 26.8732

Rectangle

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



18.2622, 16.0592, 27.3365



19.7026, 16.0592, 16.7236



12.6130, 16.0592, 10.3413



11.5474, 16.0592, 18.2707

Sweetspot

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



18.2627, 16.0599, 27.3369



41.0962, 41.2287, 50.9198



16.9038, 17.8113, 27.7465



9.0285, 8.9811, 11.3371



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.2627, 16.0599, 27.3369



30.5033, 25.5885, 48.4592



20.3649, 17.1757, 25.9844



5.4230, 5.4062, 6.7865



7.8463, 3.5385, 23.2465



0.0999, 0.0466, 0.2234

Inverse Universe

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



19.1052, 16.6718, 19.3510



32.3342, 26.9091, 31.5230



17.7622, 22.9910, 17.3570



5.4915, 5.4571, 6.0864



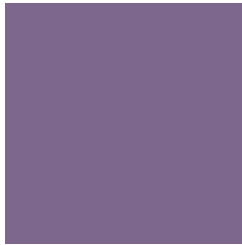
10.6665, 5.4236, 3.8949



0.1123, 0.0560, 0.0916

Previews

White Background



This preview shows how the XYZ color 18.2622, 16.0592, 27.3365 looks on a white 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

Black Background



This preview shows how the XYZ color 18.2622, 16.0592, 27.3365 looks on a black 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

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

XYZ 18.2622, 16.0592, 27.3365

Background



This preview shows how black text looks on a background with the XYZ color 18.2622, 16.0592, 27.3365.



This preview shows how white text looks on a background with the XYZ color 18.2622, 16.0592,

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

18.2622, 16.0592, 27.3365

Protanopia

16.2437, 16.0520, 29.4363

Deuteranopia

16.3866, 16.0189, 27.0392



Tritanopia

16.5410, 16.1237, 18.7634

Trichromacy



Original Color

18.2622, 16.0592, 27.3365

Protanomaly

16.8473, 15.9085, 28.5683

Deuteranomaly

17.0616, 16.0537, 27.0104

Tritanomaly

17.0241, 15.9997, 21.5930

Monochromacy



Original Color

18.2622, 16.0592, 27.3365

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.6852, 16.4586, 21.3662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2622, 16.0592, 27.3365 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(126, 103, 141)` looks like.

```
.text, #text, p{  
    color:rgb(126, 103, 141)  
}
```

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(126, 103, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 103, 141) }
```

Border

The CSS property to change the border of an element to XYZ 18.2622, 16.0592, 27.3365 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(126, 103, 141) }
```


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

```
.border{ border-color:rgb(126, 103, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 103, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 103, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 103, 141);  
box-shadow:4px 4px 4px 4px rgb(126, 103,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2622, 16.0592, 27.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 103, 141) }
```

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

```
.background{ background-color: rgb(126,  
103, 141) }
```

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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