

Converting Colors

XYZ(18.1343, 15.2848, 27.0033)

Have a look what the booklet for
XYZ(18.1343, 15.2848, 27.0033)
contains.

XYZ(18.2287, 15.3256, 27.1967)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.2287, 15.3256,
27.1967)**

Conversions

Conversions Part 1

Format	Color
Hex	81628D
RGB	129, 98, 141
RGB Percent	51%, 38%, 55%
CMY	0.4941, 0.6157, 0.4471
CMYK	0.09, 0.30, 0.00, 0.45
HSL	283°, 18%, 47%
HSV	283°, 30%, 55%
XYZ	18.2287, 15.3256, 27.1967
YIQ	112.1710, 4.6730, 19.9450

Conversions

Conversions Part 2

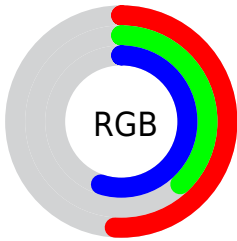
Format	Color
R_{YB}	129, 98, 141
Decimal	8479373
CIE _{Lab}	46.08, 20.77, -18.93
CIE _{LCh}	46, 28.099, 317.660
Yxy	15.3256, 0.3001, 0.2523
Android (android.graphics.Color)	4286669453 (0xFF81628D)
YUV	112.1710, 14.2127, 14.7590
Hunter-Lab	39.1479, 14.6072, -13.7862

Details

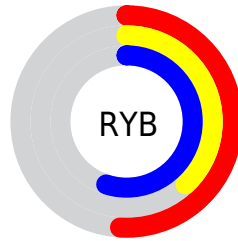
The XYZ color **18.2287, 15.3256, 27.1967** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.1604, 23.2470, 15.0860**, and the grayscale version is **15.4103, 16.2129, 17.6558**.

A 20% lighter version of the original color is **39.8892, 35.3801, 56.3564**, and **6.2966, 4.7852, 10.4893** is the 20% darker color. If you saturate the color by 10%, you get **16.4377, 12.6137, 26.7679**, and if you desaturate by 10%, it is **20.2761, 18.5155, 27.7047**.

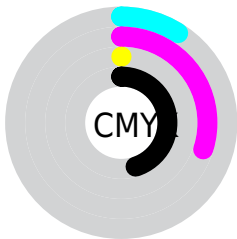
Distribution



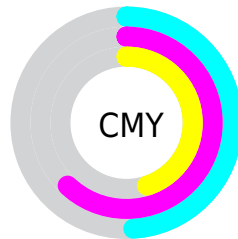
- Red (51%)
- Green (38%)
- Blue (55%)



- Red (51%)
- Yellow (38%)
- Blue (55%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2287, 15.3256, 27.1967 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 18.2287, 15.3256, 27.1967 by changing the saturation by 10% instead.

■ 18.2287, 15.3256,
27.1967

■ 18.2287, 15.3256,
27.1967

235.1777,
225.3286, 302.3985

■ 11.2150, 9.0482,
17.4873

■ 39.9537, 35.4234,
56.2069

■ 6.2800, 4.7726,
10.4169

■ 55.3956, 50.0126,
76.3448

■ 3.0583, 2.1145,
5.5670

■ 74.3778, 68.1411,
100.7959

■ 1.1847, 0.6728,
2.5191

■ 97.2653, 90.1935,
129.9787

■ 0.0942, 0.0000,
0.8503

124.4238,
116.5540, 164.3118

■ 0.0000, 0.0000,
0.0000

156.2184,

147.6071, 204.2138

193.0146,
183.7372, 250.1032

■ 18.2287, 15.3256,
27.1967

■ 18.2287, 15.3256,
27.1967

■ 16.4377, 12.6137,
26.7679

■ 20.2761, 18.5155,
27.7047

■ 14.8892, 10.3533,
26.4132

■ 22.5900, 22.2043,
28.2948

■ 13.5702, 8.5183,
26.1285

■ 25.1817, 26.4137,
28.9707

■ 12.4655, 7.0791,
25.9090

■ 28.0615, 31.1638,
29.7358

■ 11.5583, 6.0022,
25.7489

■ 31.2388, 36.4736,
30.5932

■ 10.8288, 5.2484,
25.6419

■ 34.7230, 42.3611,
31.5460

■ 10.2479, 4.7276,
25.5719

■ 38.5228, 48.8435,
32.5969

■ 42.6466, 55.9372,
33.7488

■ 47.1026, 63.6581,
35.0042

Harmonies

Analogous

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



16.0035, 15.3256, 32.6047



18.2287, 15.3256, 27.1967



19.5252, 15.3256, 19.6564

Triad

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



18.2287, 15.3256, 27.1967



15.5695, 15.3256, 6.8592



10.6167, 15.3256, 21.0000

Complementary

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



18.2287, 15.3256, 27.1967



18.1604, 23.2470, 15.0860

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.



10.5276, 15.3256, 14.0327



18.2287, 15.3256, 27.1967



13.2182, 15.3256, 7.0352

Square

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



18.2287, 15.3256, 27.1967



17.8812, 15.3256, 8.7356



11.4309, 15.3256, 9.3079



11.6891, 15.3256, 28.4087

Rectangle

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



18.2287, 15.3256, 27.1967



19.6045, 15.3256, 14.9958



11.4309, 15.3256, 9.3079



10.4753, 15.3256, 18.5008

Sweetspot

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



18.2292, 15.3263, 27.1970



41.0303, 40.6916, 50.8196



15.4411, 15.7119, 27.4184



9.0360, 8.8819, 11.3176



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.



18.2292, 15.3263, 27.1970



30.2598, 23.8194, 48.1306



19.4959, 16.0560, 23.7883



5.4816, 5.4364, 6.7892



9.3599, 4.3188, 23.3174



0.1109, 0.0524, 0.2239

Inverse Universe

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



18.1672, 15.5245, 16.7915



30.2255, 24.2941, 25.8799



17.2330, 22.7150, 17.4743



5.4669, 5.4473, 5.9567



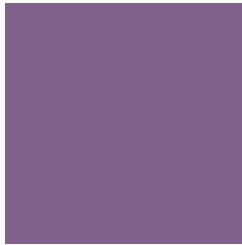
10.3611, 5.3015, 2.2870



0.1075, 0.0540, 0.0661

Previews

White Background



This preview shows how the XYZ color 18.2287, 15.3256, 27.1967 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 18.2287, 15.3256, 27.1967 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 18.2287, 15.3256, 27.1967

Background



This preview shows how black text looks on a background with the XYZ color 18.2287, 15.3256, 27.1967.



This preview shows how white text looks on a background with the XYZ color 18.2287, 15.3256,

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

18.2287, 15.3256, 27.1967

Protanopia

15.7449, 15.4599, 30.1712

Deuteranopia

15.6268, 15.3225, 26.5600



Tritanopia

16.3324, 15.4305, 17.4468

Trichromacy



Original Color

18.2287, 15.3256, 27.1967

Protanomaly

16.3678, 15.1962, 28.8585

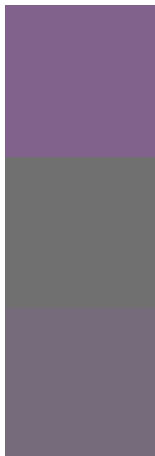
Deuteranomaly

16.4940, 15.3048, 26.8957

Tritanomaly

16.9307, 15.3684, 20.8129

Monochromacy



Original Color

18.2287, 15.3256, 27.1967

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.3041, 15.7970, 20.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2287, 15.3256, 27.1967 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(129, 98, 141)` looks like.

```
.text, #text, p{  
    color:rgb(129, 98, 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(129, 98, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 98, 141) }
```

Border

The CSS property to change the border of an element to XYZ 18.2287, 15.3256, 27.1967 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(129, 98, 141) }
```


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

```
.border{ border-color:rgb(129, 98, 141) }
```

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

Here you see how a box with a 4 pixel rgb(129, 98, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 98, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 98, 141);  
box-shadow:4px 4px 4px 4px rgb(129, 98,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2287, 15.3256, 27.1967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 98, 141) }
```

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

```
.background{ background-color: rgb(129, 98,  
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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