

Converting Colors

XYZ(15.2183, 16.7298, 25.0977)

Have a look what the booklet for
XYZ(15.2183, 16.7298, 25.0977)
contains.

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Color

**XYZ(15.2805, 16.8235,
24.9961)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7586
RGB	94, 117, 134
RGB Percent	37%, 46%, 53%
CMY	0.6314, 0.5412, 0.4745
CMYK	0.30, 0.13, 0.00, 0.47
HSL	205°, 18%, 45%
HSV	205°, 30%, 53%
XYZ	15.2805, 16.8235, 24.9961
YIQ	112.0610, -19.1650, 0.4110

Conversions

Conversions Part 2

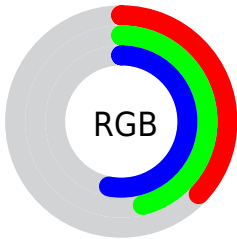
Format	Color
R_{YB}	94, 109, 134
Decimal	6190470
CIE Lab	48.04, -4.15, -12.05
CIE LCh	48, 12.746, 251.020
Yxy	16.8235, 0.2676, 0.2946
Android (android.graphics.Color)	4284380550 (0xFF5E7586)
YUV	112.0610, 10.8159, -15.8395
Hunter-Lab	41.0165, -5.2794, -7.4208

Details

The XYZ color **15.2805, 16.8235, 24.9961** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5366, 17.2456, 12.9947**, and the grayscale version is **15.3927, 16.1943, 17.6356**.

A 20% lighter version of the original color is **34.8347, 37.9835, 52.5093**, and **4.8551, 5.4772, 9.1888** is the 20% darker color. If you saturate the color by 10%, you get **13.3805, 14.8892, 24.7232**, and if you desaturate by 10%, it is **17.4605, 18.9629, 25.2944**.

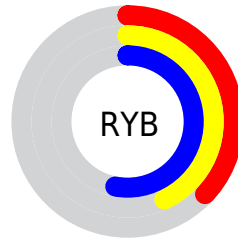
Distribution



Red (37%)

Green (46%)

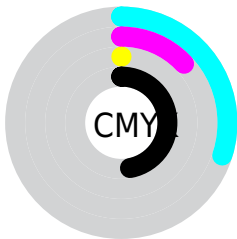
Blue (53%)



Red (37%)

Yellow (43%)

Blue (53%)

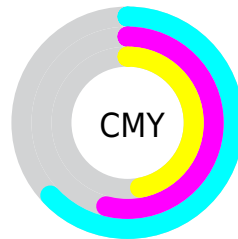


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (47%)



Cyan (63%)

Magenta (54%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2805, 16.8235, 24.9961 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 15.2805, 16.8235, 24.9961 by changing the saturation by 10% instead.

■ 15.2805, 16.8235,
24.9961

■ 15.2805, 16.8235,
24.9961

218.4127,
234.1532, 291.2656

■ 9.1041, 10.1087,
15.8552

■ 34.9121, 38.0221,
52.6149

■ 4.8668, 5.4711,
9.2685

■ 49.0981, 53.2746,
71.9299

■ 2.2033, 2.5262,
4.8175

■ 66.6846, 72.1420,
95.4733

■ 0.7445, 0.8897,
2.0837

■ 88.0369, 95.0084,
123.6637

■ 0.0000, 0.0000,
0.6061

113.5206,
122.2583, 156.9195

■ 0.0000, 0.0000,
0.0000

143.5009,

154.2762, 195.6595

178.3431,
191.4463, 240.3019

■ 15.2805, 16.8235,
24.9961

■ 15.2805, 16.8235,
24.9961

■ 13.3805, 14.8892,
24.7232

■ 17.4605, 18.9629,
25.2944

■ 11.7460, 13.1501,
24.4736

■ 19.9310, 21.3127,
25.6178

■ 10.3632, 11.5987,
24.2471

■ 22.7040, 23.8804,
25.9672

■ 9.2165, 10.2257,
24.0425

■ 25.7903, 26.6725,
26.3435

■ 8.2884, 9.0208,
23.8588

■ 29.1999, 29.6952,
26.7472

■ 7.5587, 7.9726,
23.6950

■ 32.9427, 32.9545,
27.1791

■ 6.9693, 7.0498,
23.5479

■ 37.0278, 36.4560,
27.6396

■ 6.9607, 7.0365,
23.5458

■ 41.4643, 40.2054,
28.1295

■ 46.2608, 44.2078,
28.6492

Harmonies

Analogous

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



14.3764, 16.8235, 22.8053



15.2805, 16.8235, 24.9961



16.4174, 16.8235, 25.2776

Triad

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



15.2805, 16.8235, 24.9961



18.2647, 16.8235, 17.1318



14.5799, 16.8235, 13.9361

Complementary

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



15.2805, 16.8235, 24.9961



17.5366, 17.2456, 12.9947

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.



15.5705, 16.8235, 12.7696



15.2805, 16.8235, 24.9961



17.7205, 16.8235, 14.4616

Square

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



15.2805, 16.8235, 24.9961



18.1778, 16.8235, 20.4598



16.7216, 16.8235, 12.9497



13.9856, 16.8235, 16.3310

Rectangle

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



15.2805, 16.8235, 24.9961



17.1592, 16.8235, 24.3106



16.7216, 16.8235, 12.9497



14.8756, 16.8235, 13.4011

Sweetspot

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



15.2810, 16.8242, 24.9965



35.4179, 37.8333, 45.1742



15.9925, 20.5706, 18.0710



7.8481, 8.4004, 10.1605



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.2810, 16.8242, 24.9965



24.5478, 27.2380, 43.7020



13.2252, 12.7126, 24.3112



4.6402, 4.9560, 5.9128



6.5339, 6.6156, 22.0693



0.0299, 0.0374, 0.0789

Inverse Universe

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



17.0456, 14.3586, 18.7034



28.2603, 22.3961, 30.3842



19.9238, 22.0200, 13.7904



4.7764, 4.7302, 5.4349



10.4761, 5.2548, 7.0796



0.0400, 0.0197, 0.0438

Previews

White Background



This preview shows how the XYZ color 15.2805, 16.8235, 24.9961 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 15.2805, 16.8235, 24.9961 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

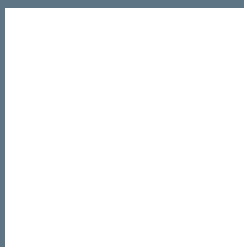
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2805, 16.8235, 24.9961

Background



This preview shows how black text looks on a background with the XYZ color 15.2805, 16.8235, 24.9961.



This preview shows how white text looks on a background with the XYZ color 15.2805, 16.8235,

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

15.2805, 16.8235, 24.9961

Protanopia

16.4323, 16.7639, 23.8424

Deuteranopia

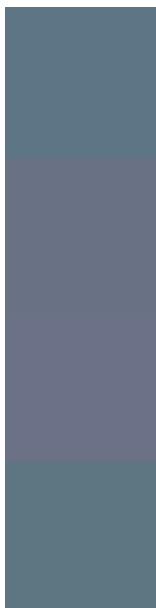
16.9970, 16.6956, 25.2484



Tritanopia

14.8889, 16.8425, 22.8883

Trichromacy



Original Color

15.2805, 16.8235, 24.9961

Protanomaly

15.8911, 16.6436, 24.2048

Deuteranomaly

16.3417, 16.6853, 25.2810

Tritanomaly

15.0219, 16.8957, 23.5886

Monochromacy



Original Color

15.2805, 16.8235, 24.9961

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2332, 16.3940, 20.1308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2805, 16.8235, 24.9961 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(94, 117, 134) looks like.

```
.text, #text, p{  
    color:rgb(94, 117, 134)  
}
```

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(94, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 117, 134) }
```

Border

The CSS property to change the border of an element to XYZ 15.2805, 16.8235, 24.9961 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(94, 117, 134) }
```


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

```
.border{ border-color:rgb(94, 117, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 117, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 117, 134);  
box-shadow:4px 4px 4px 4px rgb(94, 117,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2805, 16.8235, 24.9961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 117, 134) }
```

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

```
.background{ background-color: rgb(94, 117,  
134) }
```

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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