

Converting Colors

XYZ(16.5129, 18.5025, 25.6098)

Have a look what the booklet for
XYZ(16.5129, 18.5025, 25.6098)
contains.

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Color

**XYZ(16.4931, 18.5119,
25.6255)**

Conversions

Conversions Part 1

Format	Color
Hex	627B87
RGB	98, 123, 135
RGB Percent	38%, 48%, 53%
CMY	0.6157, 0.5176, 0.4706
CMYK	0.27, 0.09, 0.00, 0.47
HSL	199°, 16%, 46%
HSV	199°, 27%, 53%
XYZ	16.4931, 18.5119, 25.6255
YIQ	116.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

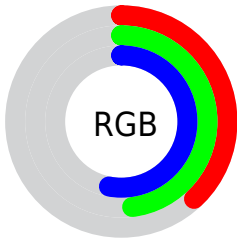
Format	Color
R _Y B	98, 113, 135
Decimal	6454151
CIE Lab	50.11, -6.08, -9.50
CIE LCh	50, 11.275, 237.382
Yxy	18.5119, 0.2720, 0.3053
Android (android.graphics.Color)	4284644231 (0xFF627B87)
YUV	116.8930, 8.9268, -16.5692
Hunter-Lab	43.0255, -6.8695, -5.1947

Details

The XYZ color **16.4931, 18.5119, 25.6255** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7723, 17.1845, 13.9358**, and the grayscale version is **16.8532, 17.7309, 19.3090**.

A 20% lighter version of the original color is **36.9847, 40.7748, 53.4980**, and **5.4039, 6.2315, 9.5123** is the 20% darker color. If you saturate the color by 10%, you get **14.6267, 16.7619, 25.3864**, and if you desaturate by 10%, it is **18.6306, 20.4386, 25.8850**.

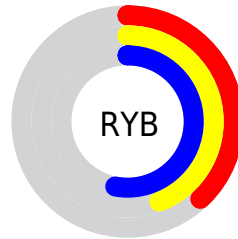
Distribution



Red (38%)

Green (48%)

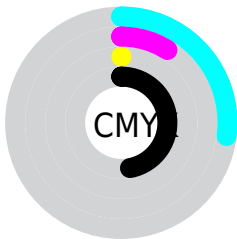
Blue (53%)



Red (38%)

Yellow (44%)

Blue (53%)

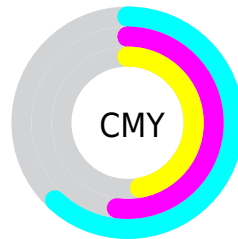


Cyan (27%)

Magenta (9%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4931, 18.5119, 25.6255 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 16.4931, 18.5119, 25.6255 by changing the saturation by 10% instead.

■ 16.4931, 18.5119,
25.6255

■ 16.4931, 18.5119,
25.6255

225.4477,
243.7408, 294.4856

■ 9.9668, 11.3181,
16.3204

■ 37.0027, 40.9077,
53.6468

■ 5.4391, 6.2812,
9.5944

■ 51.7168, 56.8785,
73.2001

■ 2.5445, 3.0168,
5.0288

■ 69.8908, 76.5437,
97.0066

■ 0.9177, 1.1405,
2.2051

■ 91.8901, 100.2878,
125.4848

■ 0.0000, 0.0123,
0.6773

118.0801,
128.4952, 159.0533

■ 0.0000, 0.0000,
0.0000

148.8261,

161.5502, 198.1305

184.4936,
199.8373, 243.1351

■ 16.4931, 18.5119,
25.6255

■ 16.4931, 18.5119,
25.6255

■ 14.6267, 16.7619,
25.3864

■ 18.6306, 20.4386,
25.8850

■ 13.0171, 15.1795,
25.1658

■ 21.0494, 22.5464,
26.1644

■ 11.6512, 13.7577,
24.9634

■ 23.7609, 24.8420,
26.4646

■ 10.5138, 12.4885,
24.7783

■ 26.7757, 27.3314,
26.7862

■ 9.5882, 11.3625,
24.6098

■ 30.1036, 30.0201,
27.1298

8.8548, 10.3693,
24.4567

33.7540, 32.9133,
27.4958

8.2754, 9.4885,
24.3172

37.7360, 36.0161,
27.8848

8.1335, 9.2698,
24.2825

42.0583, 39.3333,
28.2973

46.7291, 42.8698,
28.7337

Harmonies

Analogous

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



15.8049, 18.5119, 23.0342



16.4931, 18.5119, 25.6255



17.4998, 18.5119, 26.7410

Triad

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



16.4931, 18.5119, 25.6255



19.7648, 18.5119, 20.4307



16.6519, 18.5119, 15.2981

Complementary

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



16.4931, 18.5119, 25.6255



17.7723, 17.1845, 13.9358

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.



17.6906, 18.5119, 14.7523



16.4931, 18.5119, 25.6255



19.5154, 18.5119, 17.5287

Square

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



16.4931, 18.5119, 25.6255



19.4133, 18.5119, 23.5553



18.7449, 18.5119, 15.5266



15.8939, 18.5119, 17.1011

Rectangle

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



16.4931, 18.5119, 25.6255



18.2263, 18.5119, 26.4201



18.7449, 18.5119, 15.5266



16.9784, 18.5119, 14.9702

Sweetspot

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



16.4937, 18.5126, 25.6259



37.3421, 40.0725, 46.8150



16.5003, 21.0445, 17.8637



8.5057, 9.1577, 10.8256



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.4937, 18.5126, 25.6259



27.3649, 31.1314, 45.6150



14.4400, 14.4053, 24.9414



4.6777, 5.0311, 5.9253



7.5124, 8.5726, 22.3954



0.0327, 0.0430, 0.0798

Inverse Universe

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



17.9349, 15.3167, 20.7510



30.4545, 24.5929, 35.0946



19.9440, 21.5280, 14.6597



4.7954, 4.7378, 5.5347



10.9700, 5.4524, 9.6804



0.0414, 0.0202, 0.0512

Previews

White Background



This preview shows how the XYZ color 16.4931, 18.5119, 25.6255 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 16.4931, 18.5119, 25.6255 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 16.4931, 18.5119, 25.6255

Background



This preview shows how black text looks on a background with the XYZ color 16.4931, 18.5119, 25.6255.



This preview shows how white text looks on a background with the XYZ color 16.4931, 18.5119,

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

16.4931, 18.5119, 25.6255

Protanopia

17.9794, 18.4047, 24.4346

Deuteranopia

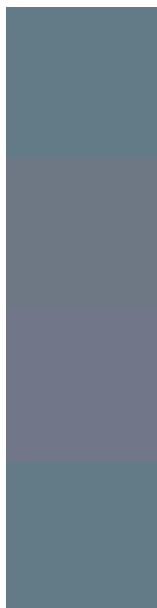
18.7154, 18.4059, 25.8588



Tritanopia

16.3536, 18.4560, 24.8907

Trichromacy



Original Color

16.4931, 18.5119, 25.6255

Protanomaly

17.3805, 18.4414, 24.8338

Deuteranomaly

17.8508, 18.4819, 25.9191

Tritanomaly

16.4230, 18.4838, 25.2564

Monochromacy



Original Color

16.4931, 18.5119, 25.6255

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.6653, 17.9639, 21.6578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4931, 18.5119, 25.6255 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(98, 123, 135) looks like.

```
.text, #text, p{  
    color:rgb(98, 123, 135)  
}
```

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(98, 123, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 123, 135) }
```

Border

The CSS property to change the border of an element to XYZ 16.4931, 18.5119, 25.6255 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(98, 123, 135) }
```


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

```
.border{ border-color:rgb(98, 123, 135) }
```

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

Here you see how a box with a 4 pixel rgb(98, 123, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 123, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 123, 135);  
box-shadow:4px 4px 4px 4px rgb(98, 123,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4931, 18.5119, 25.6255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 123, 135) }
```

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

```
.background{ background-color: rgb(98, 123,  
135) }
```

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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