Converting Colors

XYZ(15.2713, 18.8810, 23.2615)

Have a look what the booklet for XYZ(15.2713, 18.8810, 23.2615) contains.

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Color

XYZ(15.2716, 18.8817, 23.2617)

Conversions

Conversions Part 1

Format	Color
Hex	548080
RGB	84, 128, 128
RGB Percent	33%, 50%, 50%
CMY	0.6706, 0.4980, 0.4980
CMYK	0.34, 0.00, 0.00, 0.50
HSL	180°, 21%, 42%
HSV	180°, 34%, 50%
XYZ	15.2716, 18.8817, 23.2617
YIQ	114.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

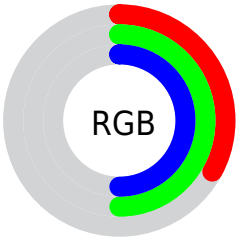
Format	Color
RYB	84, 106, 128
Decimal	5537920
CIELab	50.55, -15.02, -4.82
CIELCh	51, 15.780, 197.795
Yxy	18.8817, 0.2660, 0.3289
Android (android.graphics.Color)	4283728000 (0xFF548080)
YUV	114.8440, 6.4859, -27.0502
Hunter-Lab	43.4531, -13.3090, -1.3225

Details

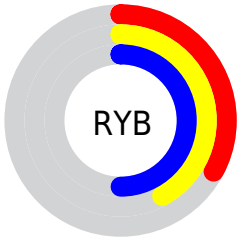
The XYZ color 15.2716, 18.8817, 23.2617 is a dark color, and the websafe version is hex 669999. A complement of this color would be 13.6733, 11.5704, 9.9008, and the grayscale version is 16.2356, 17.0811, 18.6013.

A 20% lighter version of the original color is 35.0177, 41.6182, 49.9035, and 4.9004, 6.5138, 8.3961 is the 20% darker color. If you saturate the color by 10%, you get 14.2291, 18.3448, 23.2132, and if you desaturate by 10%, it is 16.5246, 19.5281, 23.3209.

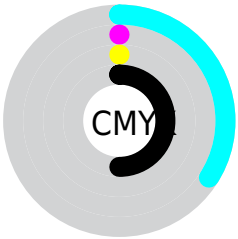
Distribution



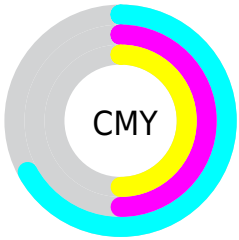
- Red (33%)
- Green (50%)
- Blue (50%)



- Red (33%)
- Yellow (42%)
- Blue (50%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)



- Cyan (67%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2716, 18.8817, 23.2617 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 15.2716, 18.8817, 23.2617 by changing the saturation by 10% instead.

15.2716, 18.8817, 23.2617

15.2716, 18.8817, 23.2617

218.3602, 245.7949, 282.2317

9.0978, 11.5848, 14.5797

34.8967, 41.5341, 49.7513

4.8626, 6.4617, 8.3816

49.0787, 57.6584, 68.3961

2.2008, 3.1278, 4.2489

66.6608, 77.4940, 91.1988

0.7432, 1.1988, 1.7628

88.0083, 101.4253, 118.5781

0.0000, 0.0607, 0.4033

113.4867, 129.8366, 150.9525

0.0000, 0.0000, 0.0000

143.4612,

163.1124, 188.7405

178.2973, 201.6370, 232.3607

15.2716, 18.8817, 23.2617

15.2716, 18.8817, 23.2617

14.2291, 18.3448, 23.2132

16.5246, 19.5281, 23.3209

13.3841, 17.9091, 23.1734

17.9969, 20.2871, 23.3900

12.7246, 17.5691, 23.1424

19.6991, 21.1646, 23.4698

12.2366, 17.3176, 23.1194

21.6403, 22.1653, 23.5608

11.9042, 17.1462, 23.1037

23.8293, 23.2938, 23.6635

11.7058, 17.0439, 23.0942

11.6156, 16.9975, 23.0899

26.2744, 24.5543, 23.7781

28.9834, 25.9508, 23.9050

31.9640, 27.4874, 24.0447

35.2235, 29.1677, 24.1974

Harmonies

Analogous

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

15.2046, 18.8817, 18.8174

15.2716, 18.8817, 23.2617

16.0295, 18.8817, 27.5039

Triad

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

15.2716, 18.8817, 23.2617

20.2310, 18.8817, 26.7998

18.5799, 18.8817, 13.3330

Complementary

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

15.2716, 18.8817, 23.2617

13.6733, 11.5704, 9.9008

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.

20.0106, 18.8817, 14.8942

15.2716, 18.8817, 23.2617

20.9997, 18.8817, 22.4048

Square

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

15.2716, 18.8817, 23.2617

18.8669, 18.8817, 29.7390

20.9168, 18.8817, 18.0741

17.0565, 18.8817, 13.4940

Rectangle

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

15.2716, 18.8817, 23.2617

16.8503, 18.8817, 29.4544

20.9168, 18.8817, 18.0741

19.0892, 18.8817, 13.6633

Sweetspot

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

15.2722, 18.8825, 23.2621

32.8772, 36.3316, 41.2359

13.0421, 17.9981, 11.1744

7.6161, 8.4643, 9.6506

62.3462, 65.5931, 71.4309

8.4577, 8.8982, 9.6901

Same Dimension

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

15.2722, 18.8825, 23.2621

25.4652, 32.5107, 40.8880

12.7829, 13.9038, 22.4329

4.4464, 4.8869, 5.5221

11.5172, 16.8535, 22.8943

0.0000, 0.0000, 0.0000

Inverse Universe

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

13.6733, 11.5704, 9.9008

22.2168, 17.6546, 13.7413

15.5818, 15.3875, 10.5367

4.3278, 4.3443, 4.5306

8.8271, 4.5505, 0.4132

0.0000, 0.0000, 0.0000

Previews

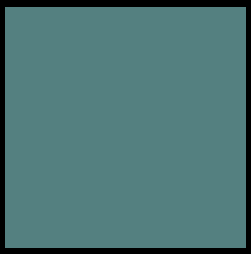
White Background

This preview shows how the XYZ color 15.2716, 18.8817, 23.2617 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



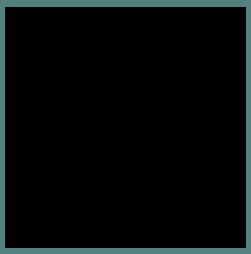
This preview shows how the XYZ color 15.2716, 18.8817, 23.2617 looks on a black background.

Color Contrast Check

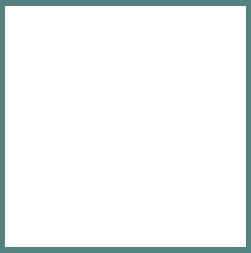
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 15.2716, 18.8817, 23.2617 Background



This preview shows how black text looks on a background with the XYZ color 15.2716, 18.8817, 23.2617.



This preview shows how white text looks on a background with the XYZ color 15.2716, 18.8817,

23.2617.

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
15.2716, 18.8817, 23.2617

Protanopia
18.0571, 18.6887, 21.3945

Deuteranopia
19.1430, 18.8463, 23.7479

Tritanopia
15.9425, 18.9633, 26.4869

Trichromacy

Original Color
15.2716, 18.8817, 23.2617

Protanomaly
16.8455, 18.5879, 22.1020

Deuteranomaly
17.3554, 18.6392, 23.4519

Tritanomaly
15.6388, 18.8313, 25.3648

Monochromacy

Original Color
15.2716, 18.8817, 23.2617

Achromatopsia
16.2955, 17.1441, 18.6699

Achromatomaly
15.8156, 17.7321, 20.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2716, 18.8817, 23.2617 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(84, 128, 128) looks like.

```
.text, #text, p{
    color:rgb(84, 128, 128)
}
```

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(84, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 128, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.2716, 18.8817, 23.2617 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(84, 128, 128) }
```

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

```
.border{ border-color:rgb(84, 128, 128) }
```

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

Here you see how a box with a 4 pixel rgb(84, 128, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(84, 128, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(84, 128, 128); box-shadow:4px 4px 4px 4px rgb(84, 128, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2716, 18.8817, 23.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(84, 128, 128) }
```

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

```
.background{ background-color:rgb(84, 128,
128) }
```

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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