

Converting Colors

XYZ(15.9612, 16.7269, 26.8974)

Have a look what the booklet for
XYZ(15.9612, 16.7269, 26.8974)
contains.

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Color

**XYZ(15.9365, 16.7782,
26.8247)**

Conversions

Conversions Part 1

Format	Color
Hex	63738B
RGB	99, 115, 139
RGB Percent	39%, 45%, 55%
CMY	0.6118, 0.5490, 0.4549
CMYK	0.29, 0.17, 0.00, 0.45
HSL	216°, 17%, 47%
HSV	216°, 29%, 55%
XYZ	15.9365, 16.7782, 26.8247
YIQ	112.9520, -17.2400, 4.0720

Conversions

Conversions Part 2

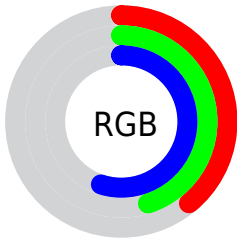
Format	Color
R _Y B	99, 110, 139
Decimal	6517643
CIE Lab	47.98, -0.06, -15.07
CIE LCh	48, 15.069, 269.766
Yxy	16.7782, 0.2677, 0.2818
Android (android.graphics.Color)	4284707723 (0xFF63738B)
YUV	112.9520, 12.8417, -12.2359
Hunter-Lab	40.9612, -2.2343, -10.1550

Details

The XYZ color **15.9365, 16.7782, 26.8247** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.9827, 20.5558, 14.7192**, and the grayscale version is **15.6490, 16.4640, 17.9293**.

A 20% lighter version of the original color is **36.2069, 38.0670, 55.8914**, and **5.1756, 5.4394, 10.2283** is the 20% darker color. If you saturate the color by 10%, you get **13.6384, 14.2454, 26.4572**, and if you desaturate by 10%, it is **18.5831, 19.6192, 27.2339**.

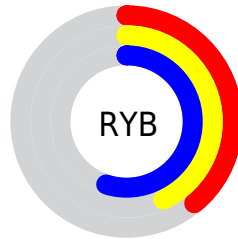
Distribution



Red (39%)

Green (45%)

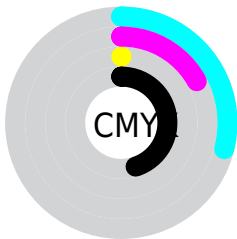
Blue (55%)



Red (39%)

Yellow (43%)

Blue (55%)

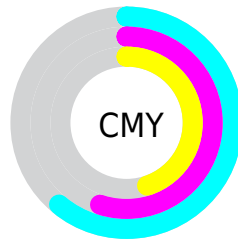


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9365, 16.7782, 26.8247 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 15.9365, 16.7782, 26.8247 by changing the saturation by 10% instead.

■ 15.9365, 16.7782,
26.8247

■ 15.9365, 16.7782,
26.8247

222.2445,
233.8910, 300.5406

■ 9.5698, 10.0765,
17.2103

■ 36.0463, 37.9440,
55.6028

■ 5.1747, 5.4497,
10.2210

■ 50.5200, 53.1769,
75.6035

■ 2.3860, 2.5135,
5.4382

■ 68.4269, 72.0223,
99.9035

■ 0.8381, 0.8834,
2.4434

■ 90.1321, 94.8647,
128.9213

■ 0.0000, 0.0000,
0.8099

116.0012,
122.0883, 163.0753

■ 0.0000, 0.0000,
0.0000

146.3993,

154.0776, 202.7842

181.6920,
191.2170, 248.4664

■ 15.9365, 16.7782,
26.8247

■ 15.9365, 16.7782,
26.8247

■ 13.6384, 14.2454,
26.4572

■ 18.5831, 19.6192,
27.2339

■ 11.6716, 12.0073,
26.1289

■ 21.5913, 22.7772,
27.6849

■ 10.0196, 10.0524,
25.8386

■ 24.9753, 26.2631,
28.1794

■ 8.6639, 8.3674,
25.5849

■ 28.7481, 30.0866,
28.7185

■ 7.5838, 6.9379,
25.3658

■ 32.9221, 34.2569,
29.3035

■ 6.7555, 5.7473,
25.1797

■ 37.5091, 38.7830,
29.9353

■ 6.1262, 4.7644,
25.0231

■ 42.5204, 43.6734,
30.6152

■ 6.0553, 4.6543,
25.0056

■ 47.9667, 48.9365,
31.3440

■ 53.8587, 54.5802,
32.1228

Harmonies

Analogous

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



14.6667, 16.7782, 25.5305



15.9365, 16.7782, 26.8247



17.2805, 16.7782, 25.5688

Triad

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



15.9365, 16.7782, 26.8247



18.3258, 16.7782, 14.7981



13.7935, 16.7782, 14.7521

Complementary

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



15.9365, 16.7782, 26.8247



19.9827, 20.5558, 14.7192

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.



14.6842, 16.7782, 12.5098



15.9365, 16.7782, 26.8247



17.3001, 16.7782, 12.5336

Square

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



15.9365, 16.7782, 26.8247



18.7068, 16.7782, 18.2992



15.9579, 16.7782, 11.7580



13.4732, 16.7782, 18.2380

Rectangle

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



15.9365, 16.7782, 26.8247



18.0273, 16.7782, 23.5437



15.9579, 16.7782, 11.7580



14.0336, 16.7782, 13.8469

Sweetspot

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



15.9370, 16.7789, 26.8251



38.4265, 40.5408, 49.5428



17.9121, 22.5317, 21.9262



8.6840, 9.1641, 11.3906



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.



15.9370, 16.7789, 26.8251



25.6010, 26.8220, 47.5708



14.6398, 13.6324, 26.2861



4.9282, 5.1992, 6.3497



5.4812, 4.2326, 22.5738



0.0501, 0.0555, 0.1545

Inverse Universe

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



18.2042, 15.6509, 18.2819



30.4692, 24.6961, 29.1600



21.5844, 24.5728, 15.4102



5.1104, 5.0796, 5.6696



10.2534, 5.2115, 3.8390



0.0750, 0.0374, 0.0618

Previews

White Background



This preview shows how the XYZ color 15.9365, 16.7782, 26.8247 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 15.9365, 16.7782, 26.8247 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

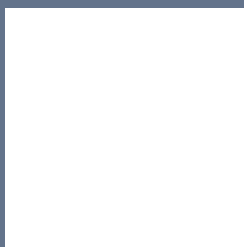
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9365, 16.7782, 26.8247

Background



This preview shows how black text looks on a background with the XYZ color 15.9365, 16.7782, 26.8247.

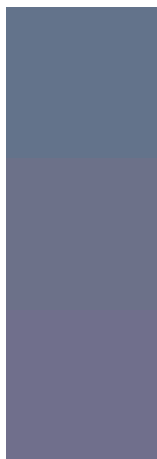


This preview shows how white text looks on a background with the XYZ color 15.9365, 16.7782,

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

15.9365, 16.7782, 26.8247

Protanopia

16.6048, 16.8045, 26.0353

Deuteranopia

17.1002, 16.7071, 27.1345



Tritanopia

15.0159, 16.7417, 22.5187

Trichromacy



Original Color

15.9365, 16.7782, 26.8247

Protanomaly

16.4305, 16.8729, 26.4356

Deuteranomaly

16.5912, 16.6076, 27.1421

Tritanomaly

15.2719, 16.6709, 23.8856

Monochromacy



Original Color

15.9365, 16.7782, 26.8247

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7145, 16.6279, 20.7936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9365, 16.7782, 26.8247 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(99, 115, 139) looks like.

```
.text, #text, p{  
    color:rgb(99, 115, 139)  
}
```

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(99, 115, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 115, 139) }
```

Border

The CSS property to change the border of an element to XYZ 15.9365, 16.7782, 26.8247 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(99, 115, 139) }
```


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

```
.border{ border-color:rgb(99, 115, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 115, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 115, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 115, 139);  
box-shadow:4px 4px 4px 4px rgb(99, 115,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9365, 16.7782, 26.8247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 115, 139) }
```

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

```
.background{ background-color: rgb(99, 115,  
139) }
```

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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