

Converting Colors

XYZ(15.9983, 16.9266, 27.7041)

Have a look what the booklet for
XYZ(15.9983, 16.9266, 27.7041)
contains.

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Color

**XYZ(15.9829, 16.9553,
27.6296)**

Conversions

Conversions Part 1

Format	Color
Hex	61748D
RGB	97, 116, 141
RGB Percent	38%, 45%, 55%
CMY	0.6196, 0.5451, 0.4471
CMYK	0.31, 0.18, 0.00, 0.45
HSL	214°, 18%, 47%
HSV	214°, 31%, 55%
XYZ	15.9829, 16.9553, 27.6296
YIQ	113.1690, -19.3490, 3.7470

Conversions

Conversions Part 2

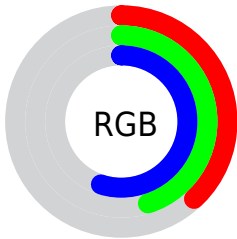
Format	Color
R _Y B	97, 110, 141
Decimal	6386829
CIE Lab	48.20, -0.76, -15.92
CIE LCh	48, 15.942, 267.263
Yxy	16.9553, 0.2639, 0.2799
Android (android.graphics.Color)	4284576909 (0xFF61748D)
YUV	113.1690, 13.7207, -14.1802
Hunter-Lab	41.1768, -2.7741, -10.9598

Details

The XYZ color **15.9829, 16.9553, 27.6296** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.1020, 20.4450, 14.1966**, and the grayscale version is **15.7113, 16.5295, 18.0006**.

A 20% lighter version of the original color is **36.2474, 38.3350, 57.1187**, and **5.2221, 5.5425, 10.6921** is the 20% darker color. If you saturate the color by 10%, you get **13.7281, 14.4810, 27.2711**, and if you desaturate by 10%, it is **18.5855, 19.7280, 28.0279**.

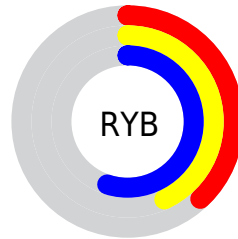
Distribution



Red (38%)

Green (45%)

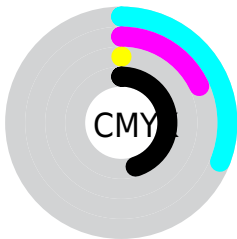
Blue (55%)



Red (38%)

Yellow (43%)

Blue (55%)

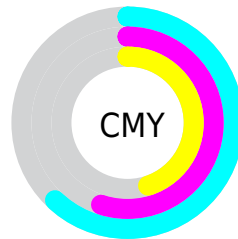


Cyan (31%)

Magenta (18%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9829, 16.9553, 27.6296 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 15.9829, 16.9553, 27.6296 by changing the saturation by 10% instead.

■ 15.9829, 16.9553,
27.6296

■ 15.9829, 16.9553,
27.6296

222.5132,
234.9147, 304.5488

■ 9.6028, 10.2026,
17.8100

■ 36.1262, 38.2489,
56.9085

■ 5.1967, 5.5335,
10.6457

■ 50.6201, 53.5586,
77.2049

■ 2.3990, 2.5636,
5.7179

■ 68.5494, 72.4895,
101.8307

■ 0.8446, 0.9084,
2.6083

■ 90.2794, 95.4259,
131.2043

■ 0.0000, 0.0000,
0.8968

116.1754,
122.7522, 165.7444

■ 0.0000, 0.0000,
0.0000

146.6028,

154.8528, 205.8695

181.9269,
192.1122, 251.9981

■ 15.9829, 16.9553,
27.6296

■ 15.9829, 16.9553,
27.6296

■ 13.7281, 14.4810,
27.2711

■ 18.5855, 19.7280,
28.0279

■ 11.8033, 12.2917,
26.9500

■ 21.5494, 22.8075,
28.4661

■ 10.1915, 10.3759,
26.6652

■ 24.8891, 26.2047,
28.9458

■ 8.8735, 8.7205,
26.4151

■ 28.6180, 29.9291,
29.4682

■ 7.8275, 7.3110,
26.1982

■ 32.7487, 33.9898,
30.0342

■ 7.0283, 6.1307,
26.0125

■ 37.2932, 38.3955,
30.6451

■ 6.4706, 5.2489,
25.8717

■ 42.2632, 43.1546,
31.3017

■ 47.6696, 48.2751,
32.0052

■ 53.5232, 53.7650,
32.7563

Harmonies

Analogous

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



14.6558, 16.9553, 26.0164



15.9829, 16.9553, 27.6296



17.4253, 16.9553, 26.4980

Triad

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



15.9829, 16.9553, 27.6296



18.7201, 16.9553, 15.0434



13.8845, 16.9553, 14.4753

Complementary

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



15.9829, 16.9553, 27.6296



20.1020, 20.4450, 14.1966

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.



14.8731, 16.9553, 12.2402



15.9829, 16.9553, 27.6296



17.6690, 16.9553, 12.5321

Square

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



15.9829, 16.9553, 27.6296



19.0605, 16.9553, 18.8449



16.2488, 16.9553, 11.5854



13.4906, 16.9553, 18.0832

Rectangle

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



15.9829, 16.9553, 27.6296



18.2489, 16.9553, 24.4206



16.2488, 16.9553, 11.5854



14.1553, 16.9553, 13.5603

Sweetspot

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



15.9834, 16.9560, 27.6300



39.7393, 42.0217, 51.1444



17.9638, 22.9950, 21.8828



8.7096, 9.2153, 11.3991



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.



15.9834, 16.9560, 27.6300



25.8942, 27.3862, 49.0492



14.3310, 13.1785, 26.9880



5.3091, 5.6141, 6.8326



5.9152, 4.8164, 23.5950



0.0778, 0.0885, 0.2327

Inverse Universe

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



18.4120, 15.4736, 18.5400



30.9898, 24.5998, 29.9045



22.1751, 25.3221, 15.0287



5.4995, 5.4603, 6.1284



10.7888, 5.4725, 4.5393



0.1139, 0.0566, 0.0998

Previews

White Background



This preview shows how the XYZ color 15.9829, 16.9553, 27.6296 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 15.9829, 16.9553, 27.6296 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

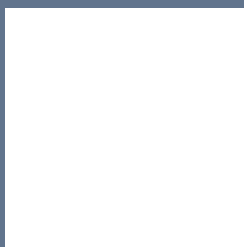
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9829, 16.9553, 27.6296

Background



This preview shows how black text looks on a background with the XYZ color 15.9829, 16.9553, 27.6296.



This preview shows how white text looks on a background with the XYZ color 15.9829, 16.9553,

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

15.9829, 16.9553, 27.6296

Protanopia

16.7497, 16.8625, 26.7981

Deuteranopia

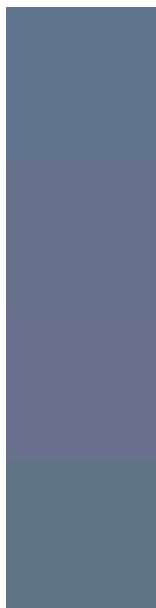
17.2322, 16.9208, 27.9490



Tritanopia

14.9908, 16.8951, 22.8930

Trichromacy



Original Color

15.9829, 16.9553, 27.6296

Protanomaly

16.4599, 16.8711, 27.1999

Deuteranomaly

16.7315, 16.8274, 27.9574

Tritanomaly

15.3142, 16.8489, 24.6353

Monochromacy



Original Color

15.9829, 16.9553, 27.6296

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6559, 16.5905, 21.1160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9829, 16.9553, 27.6296 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(97, 116, 141)` looks like.

```
.text, #text, p{  
  color:rgb(97, 116, 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(97, 116, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 116, 141) }
```

Border

The CSS property to change the border of an element to XYZ 15.9829, 16.9553, 27.6296 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(97, 116, 141) }
```


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

```
.border{ border-color:rgb(97, 116, 141) }
```

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

Here you see how a box with a 4 pixel rgb(97, 116, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 116, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 116, 141);  
box-shadow:4px 4px 4px 4px rgb(97, 116,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9829, 16.9553, 27.6296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 116, 141) }
```

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

```
.background{ background-color: rgb(97, 116,  
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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