

Converting Colors

XYZ(15.6475, 15.5275, 29.1024)

Have a look what the booklet for
XYZ(15.6475, 15.5275, 29.1024)
contains.

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Color

**XYZ(15.6165, 15.5783,
28.9719)**

Conversions

Conversions Part 1

Format	Color
Hex	626D91
RGB	98, 109, 145
RGB Percent	38%, 43%, 57%
CMY	0.6157, 0.5725, 0.4314
CMYK	0.32, 0.25, 0.00, 0.43
HSL	226°, 19%, 48%
HSV	226°, 32%, 57%
XYZ	15.6165, 15.5783, 28.9719
YIQ	109.8150, -18.1120, 8.8640

Conversions

Conversions Part 2

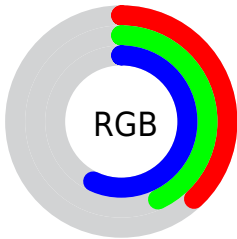
Format	Color
R _Y B	98, 107, 145
Decimal	6450577
CIE Lab	46.42, 4.82, -21.02
CIE LCh	46, 21.569, 282.907
Yxy	15.5783, 0.2596, 0.2589
Android (android.graphics.Color)	4284640657 (0xFF626D91)
YUV	109.8150, 17.3462, -10.3618
Hunter-Lab	39.4694, 1.5542, -15.8924

Details

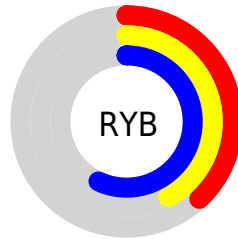
The XYZ color **15.6165, 15.5783, 28.9719** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.4071, 23.9521, 14.9981**, and the grayscale version is **14.7241, 15.4909, 16.8696**.

A 20% lighter version of the original color is **35.4573, 35.7492, 59.0643**, and **5.0096, 4.9064, 11.2727** is the 20% darker color. If you saturate the color by 10%, you get **13.0806, 12.6222, 28.5352**, and if you desaturate by 10%, it is **18.5866, 18.9812, 29.4725**.

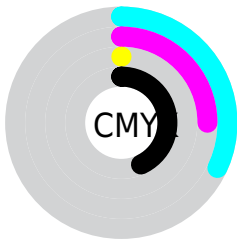
Distribution



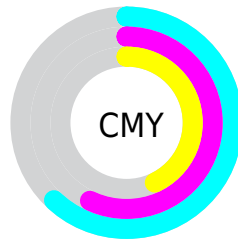
- Red (38%)
- Green (43%)
- Blue (57%)



- Red (38%)
- Yellow (42%)
- Blue (57%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)
- Black (43%)



- Cyan (62%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6165, 15.5783, 28.9719 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 15.6165, 15.5783, 28.9719 by changing the saturation by 10% instead.

■ 15.6165, 15.5783,
28.9719

■ 15.6165, 15.5783,
28.9719

220.3832,
226.8403, 311.1391

■ 9.3423, 9.2262,
18.8142

■ 35.4940, 35.8645,
59.0741

■ 5.0240, 4.8890,
11.3606

■ 49.8280, 50.5675,
79.8556

■ 2.2963, 2.1823,
6.1927

■ 67.5793, 68.8229,
105.0155

■ 0.7928, 0.7103,
2.8919

■ 89.1133, 91.0152,
134.9723

■ 0.0000, 0.0000,
1.0397

114.7954,
117.5287, 170.1445

■ 0.0000, 0.0000,
0.0000

144.9908,

148.7477, 210.9507

180.0649,
185.0568, 257.8094

■ 15.6165, 15.5783,
28.9719

■ 15.6165, 15.5783,
28.9719

■ 13.0806, 12.6222,
28.5352

■ 18.5866, 18.9812,
29.4725

■ 10.9565, 10.0920,
28.1588

■ 22.0088, 22.8470,
30.0383

■ 9.2220, 7.9679,
27.8403

■ 25.9019, 27.1930,
30.6719

■ 7.8521, 6.2277,
27.5766

■ 30.2830, 32.0352,
31.3757

■ 6.8189, 4.8468,
27.3645

■ 35.1685, 37.3890,
32.1515

■ 6.0899, 3.7974,
27.2003

■ 40.5740, 43.2688,
33.0016

■ 5.6811, 3.1848,
27.1036

■ 46.5143, 49.6886,
33.9276

■ 53.0038, 56.6619,
34.9316

■ 60.0561, 64.2017,
36.0152

Harmonies

Analogous

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



13.7845, 15.5783, 28.6973



15.6165, 15.5783, 28.9719



17.3659, 15.5783, 25.5827

Triad

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



15.6165, 15.5783, 28.9719



17.5713, 15.5783, 10.9230



11.6570, 15.5783, 14.1376

Complementary

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



15.6165, 15.5783, 28.9719



22.4071, 23.9521, 14.9981

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.



12.5121, 15.5783, 10.5349



15.6165, 15.5783, 28.9719



15.8783, 15.5783, 8.9620

Square

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



15.6165, 15.5783, 28.9719



18.5562, 15.5783, 14.7844



14.0254, 15.5783, 8.8366



11.5997, 15.5783, 19.3438

Rectangle

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



15.6165, 15.5783, 28.9719



18.2088, 15.5783, 22.0439



14.0254, 15.5783, 8.8366



11.8572, 15.5783, 12.7283

Sweetspot

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



15.6170, 15.5789, 28.9723



40.8773, 42.5557, 54.0332



19.4138, 24.5482, 25.9964



8.9080, 9.2590, 11.9899



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.6170, 15.5789, 28.9723



24.5334, 23.9058, 51.2948



15.8784, 14.0793, 28.6690



5.2257, 5.4472, 6.8048



4.8904, 2.7668, 23.2534



0.0613, 0.0556, 0.2272

Inverse Universe

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



18.8055, 15.8598, 16.5387



31.2424, 24.7414, 25.0778



22.0428, 26.1399, 15.4396



5.4574, 5.4435, 5.9067



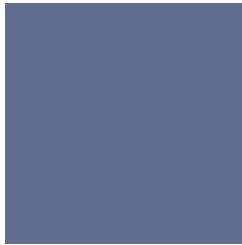
10.2716, 5.2656, 1.8154



0.1056, 0.0533, 0.0561

Previews

White Background



This preview shows how the XYZ color 15.6165, 15.5783, 28.9719 looks on a white background.

Color Contrast Check

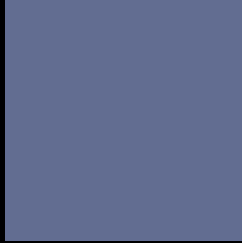
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6165, 15.5783, 28.9719 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

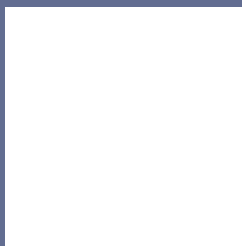
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6165, 15.5783, 28.9719

Background



This preview shows how black text looks on a background with the XYZ color 15.6165, 15.5783, 28.9719.

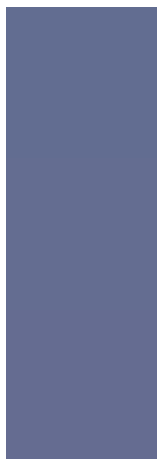


This preview shows how white text looks on a background with the XYZ color 15.6165, 15.5783,

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

15.6165, 15.5783, 28.9719

Protanopia

15.8350, 15.6909, 28.9821

Deuteranopia

15.8402, 15.5362, 28.9520



Tritanopia

13.9322, 15.5426, 20.6781

Trichromacy



Original Color

15.6165, 15.5783, 28.9719

Protanomaly

15.7251, 15.6343, 28.9770

Deuteranomaly

15.7289, 15.4788, 28.9468

Tritanomaly

14.5427, 15.6329, 23.3701

Monochromacy



Original Color

15.6165, 15.5783, 28.9719

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0949, 15.6461, 20.9633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6165, 15.5783, 28.9719 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, 109, 145) looks like.

```
.text, #text, p{  
    color:rgb(98, 109, 145)  
}
```

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, 109, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 109, 145) }
```

Border

The CSS property to change the border of an element to XYZ 15.6165, 15.5783, 28.9719 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, 109, 145) }
```


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

```
.border{ border-color:rgb(98, 109, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 109, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 109, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 109, 145);  
box-shadow:4px 4px 4px 4px rgb(98, 109,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6165, 15.5783, 28.9719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 109, 145) }
```

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

```
.background{ background-color: rgb(98, 109,  
145) }
```

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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