

Converting Colors

XYZ(23.6750, 28.1233, 36.6715)

Have a look what the booklet for
XYZ(23.6750, 28.1233, 36.6715)
contains.

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Color

**XYZ(23.7065, 28.1763,
36.5369)**

Conversions

Conversions Part 1

Format	Color
Hex	6D989E
RGB	109, 152, 158
RGB Percent	43%, 60%, 62%
CMY	0.5725, 0.4039, 0.3804
CMYK	0.31, 0.04, 0.00, 0.38
HSL	187°, 20%, 52%
HSV	187°, 31%, 62%
XYZ	23.7065, 28.1763, 36.5369
YIQ	139.8270, -27.5540, -7.2500

Conversions

Conversions Part 2

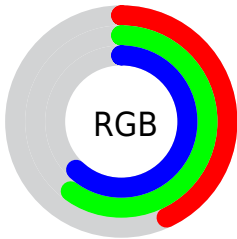
Format	Color
R_{YB}	109, 132, 158
Decimal	7182494
CIE _{Lab}	60.05, -13.06, -7.86
CIE _{LCh}	60, 15.241, 211.062
Yxy	28.1763, 0.2681, 0.3187
Android (android.graphics.Color)	4285372574 (0xFF6D989E)
YUV	139.8270, 8.9593, -27.0353
Hunter-Lab	53.0814, -13.1730, -3.6535

Details

The XYZ color **23.7065, 28.1763, 36.5369** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9921, 20.6351, 17.2399**, and the grayscale version is **24.8348, 26.1281, 28.4536**.

A 20% lighter version of the original color is **48.9818, 56.6281, 71.2995**, and **9.1112, 11.2987, 15.6106** is the 20% darker color. If you saturate the color by 10%, you get **21.6237, 26.6410, 36.3508**, and if you desaturate by 10%, it is **26.1455, 29.9042, 36.7423**.

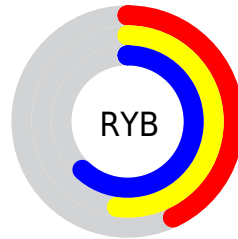
Distribution



Red (43%)

Green (60%)

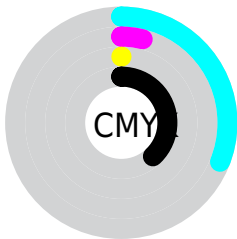
Blue (62%)



Red (43%)

Yellow (52%)

Blue (62%)

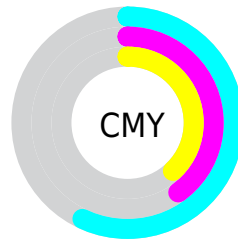


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7065, 28.1763, 36.5369 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 23.7065, 28.1763, 36.5369 by changing the saturation by 10% instead.

■ 23.7065, 28.1763,
36.5369

■ 23.7065, 28.1763,
36.5369

263.8014,
293.3084, 346.4093

■ 15.2396, 18.4586,
24.5562

■ 49.0090, 56.7658,
71.0383

■ 9.0751, 11.2797,
15.5307

■ 66.5753, 76.4064,
94.3961

■ 4.8477, 6.2553,
9.0419

■ 87.9055, 100.1234,
122.3832

■ 2.1920, 3.0009,
4.6714

■ 113.3648,
128.3012, 155.4184

■ 0.7385, 1.1322,
2.0004

143.3187,
161.3242, 193.9200

■ 0.0000, 0.0053,
0.5555

178.1325,

■ 0.0000, 0.0000,

199.5768, 238.3067

0.0000

218.1716,
243.4434, 288.9969

■ 23.7065, 28.1763,
36.5369

■ 23.7065, 28.1763,
36.5369

■ 21.6237, 26.6410,
36.3508

■ 26.1455, 29.9042,
36.7423

■ 19.8758, 25.2852,
36.1812

■ 28.9556, 31.8304,
36.9660

■ 18.4432, 24.0995,
36.0279

■ 32.1538, 33.9643,
37.2093

■ 17.3031, 23.0721,
35.8897

■ 35.7552, 36.3138,
37.4730

■ 16.4296, 22.1896,
35.7654

■ 39.7744, 38.8864,
37.7577

■ 15.7922, 21.4362,
35.6535

■ 44.2250, 41.6891,
38.0642

■ 15.3550, 20.8353,
35.5606

■ 49.1201, 44.7288,
38.3929

■ 54.4722, 48.0120,
38.7445

■ 60.2932, 51.5448,
39.1196

Harmonies

Analogous

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



23.2167, 28.1763, 30.8778



23.7065, 28.1763, 36.5369



25.0135, 28.1763, 41.0267

Triad

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



23.7065, 28.1763, 36.5369



30.1848, 28.1763, 36.1525



26.7116, 28.1763, 21.1775

Complementary

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



23.7065, 28.1763, 36.5369



22.9921, 20.6351, 17.2399

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.



28.6293, 28.1763, 22.2366



23.7065, 28.1763, 36.5369



30.6920, 28.1763, 30.4814

Square

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



23.7065, 28.1763, 36.5369



28.7548, 28.1763, 40.7866



30.1099, 28.1763, 25.4836



24.8992, 28.1763, 22.3969

Rectangle

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



23.7065, 28.1763, 36.5369



26.2045, 28.1763, 42.5079



30.1099, 28.1763, 25.4836



27.3653, 28.1763, 21.2777

Sweetspot

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



23.7073, 28.1774, 36.5375



53.5950, 58.4856, 67.2075



21.6124, 28.9368, 20.5813



11.9103, 13.0692, 15.1385



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.7073, 28.1774, 36.5375



40.4433, 49.2597, 66.1199



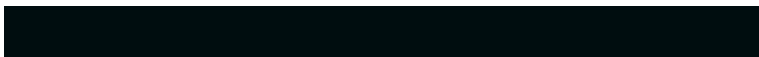
20.1698, 21.1024, 35.3584



6.7525, 7.3708, 8.4735



12.3168, 16.7252, 28.4864



0.2378, 0.3342, 0.5152

Inverse Universe

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



25.2374, 20.4741, 32.3287



43.7064, 33.2397, 57.0525



26.1255, 26.9019, 18.2843



6.8692, 6.7406, 8.1622



15.0152, 7.3106, 20.1287



0.2774, 0.1343, 0.4067

Previews

White Background



This preview shows how the XYZ color 23.7065, 28.1763, 36.5369 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 23.7065, 28.1763, 36.5369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

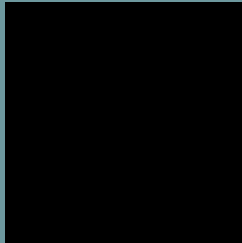
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.7065, 28.1763, 36.5369

Background



This preview shows how black text looks on a background with the XYZ color 23.7065, 28.1763, 36.5369.

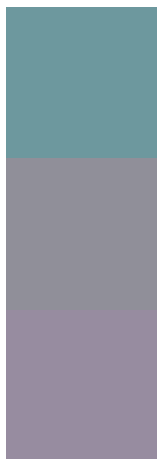


This preview shows how white text looks on a background with the XYZ color 23.7065, 28.1763,

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

23.7065, 28.1763, 36.5369

Protanopia

27.0738, 27.8741, 34.0903

Deuteranopia

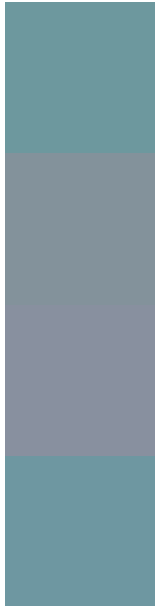
28.4857, 27.8735, 37.1365



Tritanopia

24.1079, 28.0926, 38.8021

Trichromacy



Original Color

23.7065, 28.1763, 36.5369

Protanomaly

25.5554, 27.7496, 35.0196

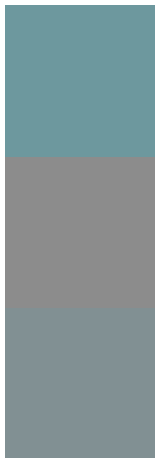
Deuteranomaly

26.3846, 27.6840, 36.7538

Tritanomaly

23.9300, 28.0214, 37.8656

Monochromacy



Original Color

23.7065, 28.1763, 36.5369

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.2930, 26.7202, 31.4809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7065, 28.1763, 36.5369 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(109, 152, 158)` looks like.

```
.text, #text, p{  
    color:rgb(109, 152, 158)  
}
```

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(109, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 152, 158) }
```

Border

The CSS property to change the border of an element to XYZ 23.7065, 28.1763, 36.5369 is called "border". The border property can be set on classes, ids or directly on the HTML element.

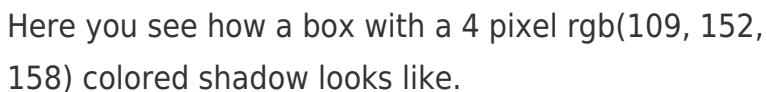
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 152, 158) }
```


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

```
.border{ border-color:rgb(109, 152, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 152, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 152, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 152, 158); box-shadow:4px 4px 4px 4px rgb(109, 152, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7065, 28.1763, 36.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 152, 158) }
```

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

```
.background{ background-color: rgb(109,  
152, 158) }
```

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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