

Converting Colors

XYZ(23.6563, 28.6659, 35.2966)

Have a look what the booklet for
XYZ(23.6563, 28.6659, 35.2966)
contains.

XYZ(23.6563, 28.6659, 35.2966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.6563, 28.6659,
35.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9A9B
RGB	108, 154, 155
RGB Percent	42%, 60%, 61%
CMY	0.5765, 0.3961, 0.3922
CMYK	0.30, 0.01, 0.00, 0.39
HSL	181°, 19%, 52%
HSV	181°, 30%, 61%
XYZ	23.6563, 28.6659, 35.2966
YIQ	140.3600, -27.7370, -9.4410

Conversions

Conversions Part 2

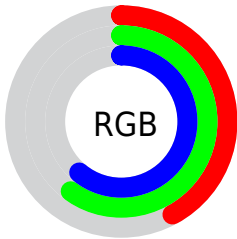
Format	Color
R _Y B	108, 131, 155
Decimal	7117467
CIE Lab	60.49, -15.17, -5.52
CIE LCh	60, 16.138, 199.993
Yxy	28.6659, 0.2700, 0.3272
Android (android.graphics.Color)	4285307547 (0xFF6C9A9B)
YUV	140.3600, 7.2175, -28.3797
Hunter-Lab	53.5405, -14.8277, -1.6085

Details

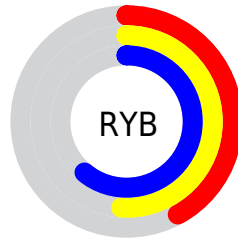
The XYZ color **23.6563, 28.6659, 35.2966** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.6933, 18.9887, 16.7097**, and the grayscale version is **25.0484, 26.3529, 28.6983**.

A 20% lighter version of the original color is **48.7624, 57.2923, 68.8101**, and **9.0939, 11.5995, 14.8563** is the 20% darker color. If you saturate the color by 10%, you get **21.8822, 27.6715, 35.1986**, and if you desaturate by 10%, it is **25.7674, 29.8357, 35.4116**.

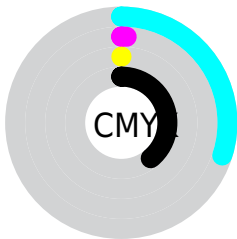
Distribution



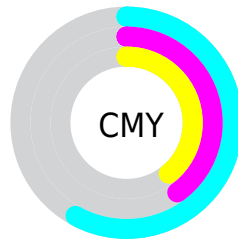
- Red (42%)
- Green (60%)
- Blue (61%)



- Red (42%)
- Yellow (51%)
- Blue (61%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (58%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6563, 28.6659, 35.2966 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 23.6563, 28.6659, 35.2966 by changing the saturation by 10% instead.

■ 23.6563, 28.6659,
35.2966

■ 23.6563, 28.6659,
35.2966

263.5511,
295.6353, 340.8195

■ 15.2022, 18.8282,
23.6061

■ 48.9275, 57.5458,
69.1018

■ 9.0487, 11.5462,
14.8322

■ 66.4754, 77.3569,
92.0535

■ 4.8303, 6.4355,
8.5564

■ 87.7852, 101.2612,
119.5960

■ 2.1818, 3.1117,
4.3601

■ 113.2223,
129.6432, 152.1478

■ 0.7331, 1.1903,
1.8249

143.1521,
162.8871, 190.1276

■ 0.0000, 0.0538,
0.4443

177.9399,

■ 0.0000, 0.0000,

201.3776, 233.9538

0.0000

217.9511,
245.4988, 284.0449

■ 23.6563, 28.6659,
35.2966

■ 23.6563, 28.6659,
35.2966

■ 21.8822, 27.6715,
35.1986

■ 25.7674, 29.8357,
35.4116

■ 20.4249, 26.8399,
35.1149

■ 28.2293, 31.1859,
35.5425

■ 19.2657, 26.1622,
35.0452

■ 31.0584, 32.7255,
35.6905

■ 18.3832, 25.6274,
34.9885

■ 34.2691, 34.4621,
35.8565

■ 17.7530, 25.2228,
34.9436

■ 37.8751, 36.4027,
36.0410

■ 17.3463, 24.9337,
34.9093

■ 41.8893, 38.5540,
36.2447

■ 17.0976, 24.7289,
34.8828

■ 46.3242, 40.9223,
36.4681

■ 51.1916, 43.5139,
36.7118

■ 56.5029, 46.3345,
36.9763

Harmonies

Analogous

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



23.4926, 28.6659, 29.2632



23.6563, 28.6659, 35.2966



24.7539, 28.6659, 40.8383

Triad

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



23.6563, 28.6659, 35.2966



30.4273, 28.6659, 39.1740



27.9473, 28.6659, 21.2327

Complementary

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



23.6563, 28.6659, 35.2966



21.6933, 18.9887, 16.7097

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.



29.9002, 28.6659, 23.2319



23.6563, 28.6659, 35.2966



31.3795, 28.6659, 33.2461

Square

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



23.6563, 28.6659, 35.2966



28.6372, 28.6659, 43.2668



31.1818, 28.6659, 27.4559



25.9008, 28.6659, 21.6346

Rectangle

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



23.6563, 28.6659, 35.2966



25.8999, 28.6659, 43.2657



31.1818, 28.6659, 27.4559



28.6381, 28.6659, 21.6353

Sweetspot

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



23.6571, 28.6670, 35.2973



51.1020, 56.1484, 63.6806



20.6548, 27.7308, 18.6714



11.4190, 12.6283, 14.4060



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.6571, 28.6670, 35.2973



40.2714, 50.1666, 63.0969



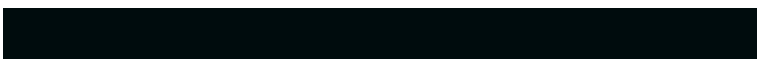
20.1795, 21.7118, 34.1381



6.3733, 7.0040, 7.9450



13.7364, 19.8695, 28.0189



0.2084, 0.3031, 0.4199

Inverse Universe

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



24.7135, 20.0274, 33.1363



42.4641, 32.3274, 58.5901



24.5146, 24.6313, 17.6501



6.4556, 6.3214, 7.7791



15.3923, 7.4111, 24.3884



0.2316, 0.1114, 0.3727

Previews

White Background



This preview shows how the XYZ color 23.6563, 28.6659, 35.2966 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 23.6563, 28.6659, 35.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

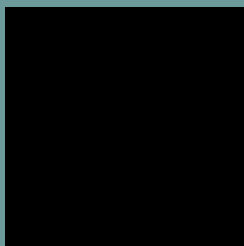
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

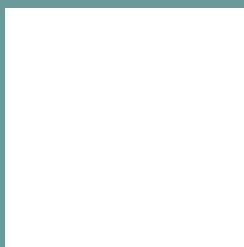
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6563, 28.6659, 35.2966

Background



This preview shows how black text looks on a background with the XYZ color 23.6563, 28.6659, 35.2966.

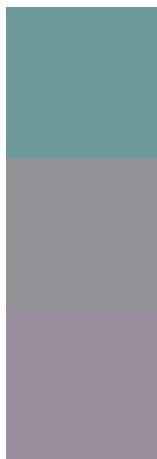


This preview shows how white text looks on a background with the XYZ color 23.6563, 28.6659,

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

23.6563, 28.6659, 35.2966

Protanopia

27.5828, 28.6238, 32.5049

Deuteranopia

29.0229, 28.3884, 36.2976



Tritanopia

24.4502, 28.4881, 39.8074

Trichromacy



Original Color

23.6563, 28.6659, 35.2966

Protanomaly

25.8487, 28.4007, 33.3977

Deuteranomaly

26.6812, 28.3105, 35.9565

Tritanomaly

24.1309, 28.6069, 37.9681

Monochromacy



Original Color

23.6563, 28.6659, 35.2966

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.1383, 26.8843, 30.7050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6563, 28.6659, 35.2966 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(108, 154, 155)` looks like.

```
.text, #text, p{  
    color:rgb(108, 154, 155)  
}
```

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(108, 154, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 154, 155) }
```

Border

The CSS property to change the border of an element to XYZ 23.6563, 28.6659, 35.2966 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(108, 154, 155) }
```


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

```
.border{ border-color:rgb(108, 154, 155) }
```

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

Here you see how a box with a 4 pixel rgb(108, 154, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 154, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 154, 155);  
box-shadow:4px 4px 4px 4px rgb(108, 154,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6563, 28.6659, 35.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 154, 155) }
```

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

```
.background{ background-color: rgb(108,  
154, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor