

Converting Colors

XYZ(21.9896, 27.5399, 33.7326)

Have a look what the booklet for
XYZ(21.9896, 27.5399, 33.7326)
contains.

XYZ(22.0957, 27.6461, 33.8774)	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(22.0957, 27.6461,
33.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	629998
RGB	98, 153, 152
RGB Percent	38%, 60%, 60%
CMY	0.6157, 0.4000, 0.4039
CMYK	0.36, 0.00, 0.01, 0.40
HSL	179°, 22%, 49%
HSV	179°, 36%, 60%
XYZ	22.0957, 27.6461, 33.8774
YIQ	136.4410, -32.4590, -11.9710

Conversions

Conversions Part 2

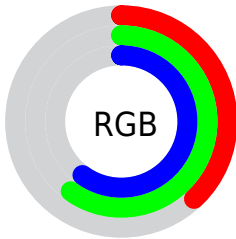
Format	Color
R_{YB}	98, 126, 153
Decimal	6461848
CIE _{Lab}	59.57, -18.28, -5.23
CIE _{LCh}	60, 19.018, 195.975
Yxy	27.6461, 0.2642, 0.3306
Android (android.graphics.Color)	4284651928 (0xFF629998)
YUV	136.4410, 7.6706, -33.7128
Hunter-Lab	52.5796, -17.0025, -1.3953

Details

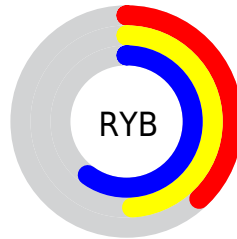
The XYZ color **22.0957, 27.6461, 33.8774** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.7576, 16.4093, 13.9314**, and the grayscale version is **23.5486, 24.7750, 26.9799**.

A 20% lighter version of the original color is **46.2159, 55.6612, 66.7004**, and **8.2270, 11.0232, 14.0060** is the 20% darker color. If you saturate the color by 10%, you get **20.5775, 26.8668, 33.6879**, and if you desaturate by 10%, it is **23.9312, 28.5904, 34.0832**.

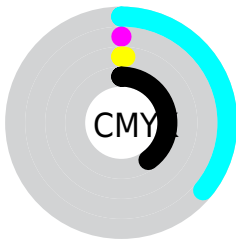
Distribution



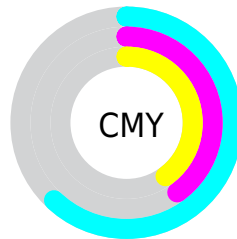
- Red (38%)
- Green (60%)
- Blue (60%)



- Red (38%)
- Yellow (49%)
- Blue (60%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0957, 27.6461, 33.8774 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 22.0957, 27.6461, 33.8774 by changing the saturation by 10% instead.

■ 22.0957, 27.6461,
33.8774

■ 22.0957, 27.6461,
33.8774

255.6686,
290.7720, 334.3375

■ 14.0442, 18.0591,
22.5228

■ 46.3818, 55.9189,
66.8747

■ 8.2333, 10.9924,
14.0396

■ 63.3471, 75.3735,
89.3545

■ 4.2977, 6.0617,
8.0091

■ 84.0145, 98.8860,
116.3798

■ 1.8719, 2.8826,
4.0129

■ 108.7492,
126.8409, 148.3691

■ 0.5604, 1.0708,
1.6324

137.9166,
159.6226, 185.7410

■ 0.0000, 0.0000,
0.3138

171.8820,

■ 0.0000, 0.0000,

197.6154, 228.9140

0.0000

211.0109,
241.2037, 278.3066

■ 22.0957, 27.6461,
33.8774

■ 22.0957, 27.6461,
33.8774

■ 20.5775, 26.8668,
33.6879

■ 23.9312, 28.5904,
34.0832

■ 19.3561, 26.2397,
33.5120

■ 26.0981, 29.7048,
34.3042

■ 18.4124, 25.7559,
33.3494

■ 28.6127, 30.9985,
34.5417

■ 17.7242, 25.4037,
33.1990

■ 31.4895, 32.4788,
34.7965

■ 17.2658, 25.1700,
33.0597

■ 34.7421, 34.1530,
35.0691

■ 17.0009, 25.0360,
32.9297

■ 38.3835, 36.0275,
35.3602

■ 16.9141, 24.9923,
32.8780

■ 42.4260, 38.1088,
35.6704

■ 46.8814, 40.4030,
36.0002

■ 51.7610, 42.9158,
36.3501

Harmonies

Analogous

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



22.0596, 27.6461, 27.0192



22.0957, 27.6461, 33.8774



23.2062, 27.6461, 40.6094

Triad

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



22.0957, 27.6461, 33.8774



29.7271, 27.6461, 40.2232



27.4080, 27.6461, 19.0390

Complementary

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



22.0957, 27.6461, 33.8774



19.7576, 16.4093, 13.9314

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.



29.6070, 27.6461, 21.5839



22.0957, 27.6461, 33.8774



30.9999, 27.6461, 33.4106

Square

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



22.0957, 27.6461, 33.8774



27.5640, 27.6461, 44.6357



30.9546, 27.6461, 26.6179



25.0303, 27.6461, 19.1247

Rectangle

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



22.0957, 27.6461, 33.8774



24.4471, 27.6461, 43.8178



30.9546, 27.6461, 26.6179



28.1955, 27.6461, 19.5962

Sweetspot

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



22.0965, 27.6472, 33.8780



48.7877, 54.2508, 61.6299



18.8338, 26.3652, 15.6522



10.6529, 11.9174, 13.5970



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.0965, 27.6472, 33.8780



37.3759, 48.3833, 60.3982



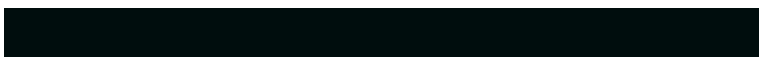
18.4201, 20.1624, 33.0591



6.3797, 7.0246, 7.9230



13.9801, 20.6555, 27.1794



0.2103, 0.3093, 0.4133

Inverse Universe

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



19.7576, 16.4093, 13.9314



32.5640, 25.2583, 19.3578



22.5084, 21.9870, 14.6134



6.2131, 6.2244, 6.5025



10.8714, 5.6028, 0.5818



0.1636, 0.0842, 0.0143

Previews

White Background



This preview shows how the XYZ color 22.0957, 27.6461, 33.8774 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 22.0957, 27.6461, 33.8774 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

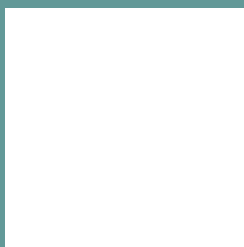
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0957, 27.6461, 33.8774

Background



This preview shows how black text looks on a background with the XYZ color 22.0957, 27.6461, 33.8774.

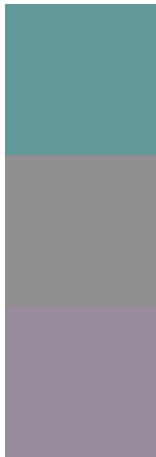


This preview shows how white text looks on a background with the XYZ color 22.0957, 27.6461,

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

22.0957, 27.6461, 33.8774

Protanopia

26.5384, 27.4411, 31.0921

Deuteranopia

27.9115, 27.4111, 34.8301



Tritanopia

23.0443, 27.5443, 38.7523

Trichromacy



Original Color

22.0957, 27.6461, 33.8774

Protanomaly

24.5263, 27.2851, 31.9908

Deuteranomaly

25.3217, 27.1851, 34.4845

Tritanomaly

22.7418, 27.6690, 36.9429

Monochromacy



Original Color

22.0957, 27.6461, 33.8774

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.5815, 25.4366, 29.3108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0957, 27.6461, 33.8774 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, 153, 152) looks like.

```
.text, #text, p{  
    color:rgb(98, 153, 152)  
}
```

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, 153, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 153, 152) }
```

Border

The CSS property to change the border of an element to XYZ 22.0957, 27.6461, 33.8774 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, 153, 152) }
```


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

```
.border{ border-color:rgb(98, 153, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 153, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 153, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 153, 152);  
box-shadow:4px 4px 4px 4px rgb(98, 153,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0957, 27.6461, 33.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 153, 152) }
```

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

```
.background{ background-color: rgb(98, 153,  
152) }
```

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