

Converting Colors

XYZ(21.5619, 26.6725, 32.8738)

Have a look what the booklet for
XYZ(21.5619, 26.6725, 32.8738)
contains.

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Color

**XYZ(21.5570, 26.6673,
32.8653)**

Conversions

Conversions Part 1

Format	Color
Hex	639696
RGB	99, 150, 150
RGB Percent	39%, 59%, 59%
CMY	0.6118, 0.4118, 0.4118
CMYK	0.34, 0.00, 0.00, 0.41
HSL	180°, 20%, 49%
HSV	180°, 34%, 59%
XYZ	21.5570, 26.6673, 32.8653
YIQ	134.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

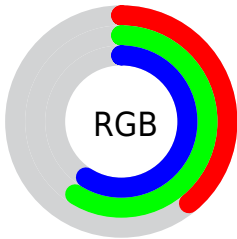
Format	Color
R_{YB}	99, 125, 150
Decimal	6526614
CIE _{Lab}	58.67, -16.91, -5.43
CIE _{LCh}	59, 17.761, 197.791
Yxy	26.6673, 0.2658, 0.3289
Android (android.graphics.Color)	4284716694 (0xFF639696)
YUV	134.7510, 7.5178, -31.3536
Hunter-Lab	51.6404, -15.8568, -1.5854

Details

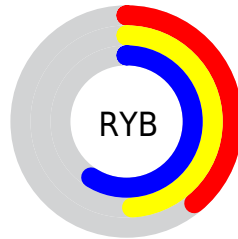
The XYZ color **21.5570, 26.6673, 32.8653** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.2926, 16.3095, 13.9367**, and the grayscale version is **22.9187, 24.1122, 26.2582**.

A 20% lighter version of the original color is **45.4408, 54.2208, 65.1974**, and **7.9329, 10.4529, 13.4039** is the 20% darker color. If you saturate the color by 10%, you get **20.0682, 25.9005, 32.7960**, and if you desaturate by 10%, it is **23.3518, 27.5932, 32.9500**.

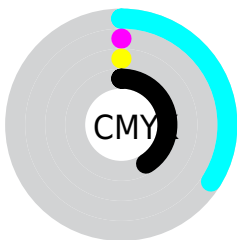
Distribution



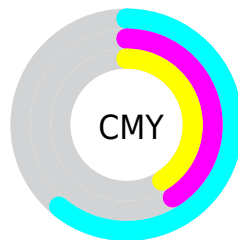
- Red (39%)
- Green (59%)
- Blue (59%)



- Red (39%)
- Yellow (49%)
- Blue (59%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5570, 26.6673, 32.8653 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 21.5570, 26.6673, 32.8653 by changing the saturation by 10% instead.

■ 21.5570, 26.6673,
32.8653

■ 21.5570, 26.6673,
32.8653

252.9001,
286.0426, 329.6557

■ 13.6465, 17.3235,
21.7530

■ 45.4970, 54.3495,
65.2788

■ 7.9553, 10.4654,
13.4789

■ 62.2573, 73.4568,
87.4170

■ 4.1179, 5.7086,
7.6246

■ 82.6983, 96.5873,
114.0676

■ 1.7691, 2.6687,
3.7714

■ 107.1852,
124.1254, 145.6492

■ 0.4989, 0.9613,
1.5008

136.0835,
156.4556, 182.5803

■ 0.0000, 0.0000,
0.2185

169.7585,

■ 0.0000, 0.0000,

193.9623, 225.2793

0.0000

208.5756,
237.0299, 274.1650

■ 21.5570, 26.6673,
32.8653

■ 21.5570, 26.6673,
32.8653

■ 20.0682, 25.9005,
32.7960

■ 23.3518, 27.5932,
32.9500

■ 18.8662, 25.2808,
32.7396

■ 25.4657, 28.6830,
33.0492

■ 17.9332, 24.7998,
32.6958

■ 27.9142, 29.9452,
33.1639

■ 17.2485, 24.4469,
32.6635

■ 30.7109, 31.3869,
33.2950

■ 16.7884, 24.2097,
32.6418

■ 33.8686, 33.0148,
33.4429

■ 16.5243, 24.0735,
32.6293

■ 37.3995, 34.8350,
33.6084

■ 16.4116, 24.0154,
32.6239

■ 41.3153, 36.8537,
33.7918

■ 45.6271, 39.0765,
33.9937

■ 50.3456, 41.5090,
34.2147

Harmonies

Analogous

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



21.4622, 26.6673, 26.5680



21.5570, 26.6673, 32.8653



22.6304, 26.6673, 38.8788

Triad

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



21.5570, 26.6673, 32.8653



28.5836, 26.6673, 37.8821



26.2443, 26.6673, 18.8025

Complementary

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



21.5570, 26.6673, 32.8653



19.2926, 16.3095, 13.9367

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.



28.2716, 26.6673, 21.0129



21.5570, 26.6673, 32.8653



29.6732, 26.6673, 31.6526

Square

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



21.5570, 26.6673, 32.8653



26.6504, 26.6673, 42.0489



29.5559, 26.6673, 25.5166



24.0858, 26.6673, 19.0301

Rectangle

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



21.5570, 26.6673, 32.8653



23.7931, 26.6673, 41.6446



29.5559, 26.6673, 25.5166



26.9660, 26.6673, 19.2702

Sweetspot

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



21.5578, 26.6684, 32.8659



46.5117, 51.4276, 58.3960



18.3983, 25.4154, 15.7411



10.1895, 11.3362, 12.9358



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.5578, 26.6684, 32.8659



35.9462, 45.9810, 57.9006



18.0295, 19.6116, 31.6904



5.9641, 6.5622, 7.4220



13.6110, 19.9172, 27.0566



0.1666, 0.2438, 0.3312

Inverse Universe

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



19.2926, 16.3095, 13.9367



31.3097, 24.7776, 19.1549



21.9946, 21.7136, 14.8371



5.8008, 5.8154, 6.0572



10.4317, 5.3777, 0.4883



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 21.5570, 26.6673, 32.8653 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 21.5570, 26.6673, 32.8653 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

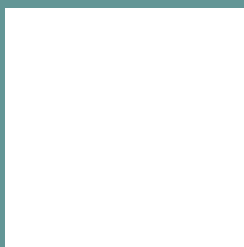
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5570, 26.6673, 32.8653

Background



This preview shows how black text looks on a background with the XYZ color 21.5570, 26.6673, 32.8653.

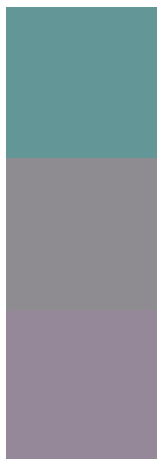


This preview shows how white text looks on a background with the XYZ color 21.5570, 26.6673,

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

21.5570, 26.6673, 32.8653

Protanopia

25.5675, 26.5206, 30.1570

Deuteranopia

27.0899, 26.5808, 33.8398



Tritanopia

22.4146, 26.5427, 37.1996

Trichromacy



Original Color

21.5570, 26.6673, 32.8653

Protanomaly

23.7658, 26.4575, 31.0483

Deuteranomaly

24.7006, 26.4383, 33.5070

Tritanomaly

22.1150, 26.6619, 35.4332

Monochromacy



Original Color

21.5570, 26.6673, 32.8653

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.1377, 24.7872, 28.4286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5570, 26.6673, 32.8653 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(99, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(99, 150, 150)  
}
```

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(99, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 21.5570, 26.6673, 32.8653 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(99, 150, 150) }
```


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

```
.border{ border-color:rgb(99, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(99, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5570, 26.6673, 32.8653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 150, 150) }
```

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

```
.background{ background-color: rgb(99, 150,  
150) }
```

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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