

Converting Colors

XYZ(22.0145, 27.9664, 35.0287)

Have a look what the booklet for
XYZ(22.0145, 27.9664, 35.0287)
contains.

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Color

**XYZ(22.1519, 28.1364,
35.2737)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9B9B
RGB	93, 155, 155
RGB Percent	36%, 61%, 61%
CMY	0.6353, 0.3921, 0.3922
CMYK	0.40, 0.00, 0.00, 0.39
HSL	180°, 25%, 49%
HSV	180°, 40%, 61%
XYZ	22.1519, 28.1364, 35.2737
YIQ	136.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

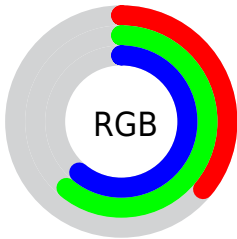
Format	Color
R_{YB}	93, 124, 155
Decimal	6134683
CIE _{Lab}	60.01, -19.94, -6.31
CIE _{LCh}	60, 20.910, 197.550
Yxy	28.1364, 0.2589, 0.3288
Android (android.graphics.Color)	4284324763 (0xFF5D9B9B)
YUV	136.4620, 9.1392, -38.1162
Hunter-Lab	53.0438, -18.2822, -2.2968

Details

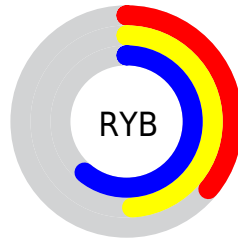
The XYZ color **22.1519, 28.1364, 35.2737** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.4086, 15.5883, 12.3427**, and the grayscale version is **23.5524, 24.7789, 26.9843**.

A 20% lighter version of the original color is **46.5878, 56.8997, 68.8489**, and **8.3241, 11.3512, 14.8490** is the 20% darker color. If you saturate the color by 10%, you get **20.7395, 27.4090, 35.2080**, and if you desaturate by 10%, it is **23.8840, 29.0300, 35.3556**.

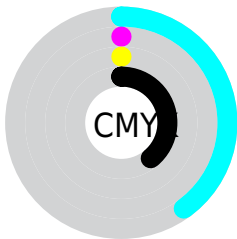
Distribution



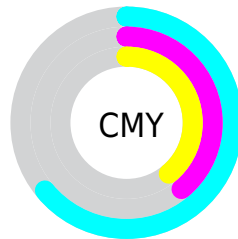
- Red (36%)
- Green (61%)
- Blue (61%)



- Red (36%)
- Yellow (49%)
- Blue (61%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1519, 28.1364, 35.2737 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 22.1519, 28.1364, 35.2737 by changing the saturation by 10% instead.

■ 22.1519, 28.1364,
35.2737

■ 22.1519, 28.1364,
35.2737

255.9560,
293.1181, 340.7157

■ 14.0858, 18.4285,
23.5885

■ 46.4739, 56.7021,
69.0659

■ 8.2625, 11.2581,
14.8193

■ 63.4605, 76.3288,
92.0101

■ 4.3166, 6.2407,
8.5475

■ 84.1513, 100.0304,
119.5443

■ 1.8827, 2.9920,
4.3545

■ 108.9117,
128.1915, 152.0872

■ 0.5668, 1.1275,
1.8217

138.1070,
161.1965, 190.0572

■ 0.0000, 0.0013,
0.4422

172.1026,

■ 0.0000, 0.0000,

199.4296, 233.8729

0.0000

211.2638,
243.2753, 283.9529

■ 22.1519, 28.1364,
35.2737

■ 22.1519, 28.1364,
35.2737

■ 20.7395, 27.4090,
35.2080

■ 23.8840, 29.0300,
35.3556

■ 19.6249, 26.8344,
35.1557

■ 25.9510, 30.0956,
35.4525

■ 18.7876, 26.4027,
35.1163

■ 28.3701, 31.3427,
35.5659

■ 18.2033, 26.1015,
35.0888

■ 31.1567, 32.7792,
35.6965

■ 17.8434, 25.9160,
35.0717

■ 34.3251, 34.4126,
35.8450

■ 17.6381, 25.8102,
35.0619

■ 37.8892, 36.2499,
36.0119

■ 17.6381, 25.8102,
35.0619

■ 41.8617, 38.2978,
36.1980

■ 46.2552, 40.5628,
36.4038

■ 51.0814, 43.0508,
36.6299

Harmonies

Analogous

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



22.0481, 28.1364, 27.5819



22.1519, 28.1364, 35.2737



23.4336, 28.1364, 42.7797

Triad

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



22.1519, 28.1364, 35.2737



30.7016, 28.1364, 41.6373



27.8619, 28.1364, 18.4316

Complementary

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



22.1519, 28.1364, 35.2737



19.4086, 15.5883, 12.3427

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.



30.3497, 28.1364, 21.0395



22.1519, 28.1364, 35.2737



32.0607, 28.1364, 33.9071

Square

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



22.1519, 28.1364, 35.2737



28.3167, 28.1364, 46.8521



31.9278, 28.1364, 26.4233



25.2284, 28.1364, 18.6733

Rectangle

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



22.1519, 28.1364, 35.2737



24.8348, 28.1364, 46.2852



31.9278, 28.1364, 26.4233



28.7462, 28.1364, 18.9833

Sweetspot

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



22.1527, 28.1375, 35.2744



49.7817, 55.6012, 63.6442



18.3174, 26.6156, 14.5283



11.1477, 12.5231, 14.3999



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.



22.1527, 28.1375, 35.2744



37.3839, 49.2099, 63.0627



17.7692, 19.3702, 33.8139



6.3846, 7.0266, 7.9487



14.1665, 20.7300, 28.1608



0.2118, 0.3099, 0.4210

Inverse Universe

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



19.4086, 15.5883, 12.3427



31.7724, 23.5480, 16.1698



22.5731, 21.9175, 13.3972



6.2088, 6.2227, 6.4797



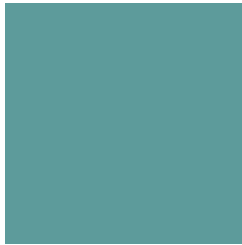
10.8574, 5.5972, 0.5082



0.1623, 0.0837, 0.0076

Previews

White Background



This preview shows how the XYZ color 22.1519, 28.1364, 35.2737 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 22.1519, 28.1364, 35.2737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

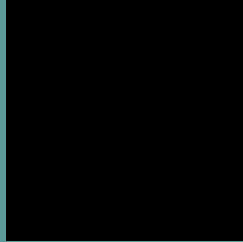
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.1519, 28.1364, 35.2737

Background



This preview shows how black text looks on a background with the XYZ color 22.1519, 28.1364, 35.2737.

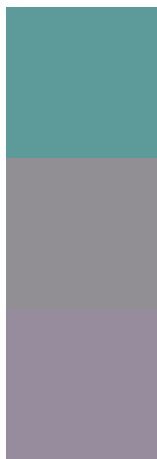


This preview shows how white text looks on a background with the XYZ color 22.1519, 28.1364,

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

22.1519, 28.1364, 35.2737

Protanopia

26.8448, 27.8028, 31.9686

Deuteranopia

28.3121, 27.8041, 36.2223



Tritanopia

23.0980, 28.0224, 40.2679

Trichromacy



Original Color

22.1519, 28.1364, 35.2737

Protanomaly

24.6238, 27.5374, 33.2956

Deuteranomaly

25.4171, 27.4309, 35.8534

Tritanomaly

22.7965, 28.1527, 38.4149

Monochromacy



Original Color

22.1519, 28.1364, 35.2737

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.5261, 25.6212, 29.7447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1519, 28.1364, 35.2737 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(93, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(93, 155, 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(93, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 155, 155) }
```

Border

The CSS property to change the border of an element to XYZ 22.1519, 28.1364, 35.2737 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(93, 155, 155) }
```


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

```
.border{ border-color:rgb(93, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(93, 155,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1519, 28.1364, 35.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 155, 155) }
```

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

```
.background{ background-color: rgb(93, 155,  
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](#).

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