

Converting Colors

XYZ(21.3332, 26.8581, 35.4898)

Have a look what the booklet for
XYZ(21.3332, 26.8581, 35.4898)
contains.

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Color

**XYZ(21.4454, 27.0304,
35.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	5A989C
RGB	90, 152, 156
RGB Percent	35%, 60%, 61%
CMY	0.6470, 0.4039, 0.3882
CMYK	0.42, 0.03, 0.00, 0.39
HSL	184°, 27%, 48%
HSV	184°, 42%, 61%
XYZ	21.4454, 27.0304, 35.5396
YIQ	133.9180, -38.2360, -11.9000

Conversions

Conversions Part 2

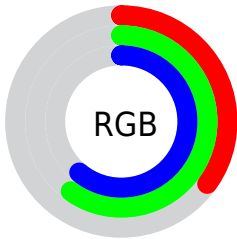
Format	Color
R_{YB}	90, 122, 156
Decimal	5937308
CIE _{Lab}	59.00, -18.89, -8.39
CIE _{LCh}	59, 20.672, 203.944
Yxy	27.0304, 0.2553, 0.3217
Android (android.graphics.Color)	4284127388 (0xFF5A989C)
YUV	133.9180, 10.8864, -38.5161
Hunter-Lab	51.9908, -17.3553, -4.1356

Details

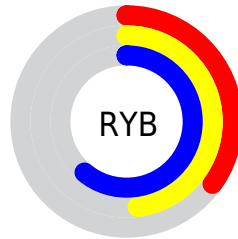
The XYZ color **21.4454, 27.0304, 35.5396** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.5589, 15.8119, 11.6946**, and the grayscale version is **22.6019, 23.7789, 25.8952**.

A 20% lighter version of the original color is **45.2058, 54.7250, 69.1532**, and **7.9310, 10.7023, 15.0124** is the 20% darker color. If you saturate the color by 10%, you get **19.9318, 26.0239, 35.4256**, and if you desaturate by 10%, it is **23.2803, 28.2056, 35.6702**.

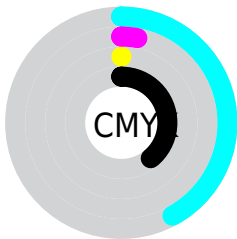
Distribution



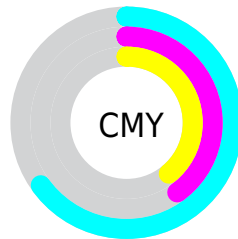
- Red (35%)
- Green (60%)
- Blue (61%)



- Red (35%)
- Yellow (48%)
- Blue (61%)



- Cyan (42%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4454, 27.0304, 35.5396 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 21.4454, 27.0304, 35.5396 by changing the saturation by 10% instead.

■ 21.4454, 27.0304,
35.5396

■ 21.4454, 27.0304,
35.5396

252.3233,
287.8043, 341.9201

■ 13.5643, 17.5961,
23.7920

■ 45.3133, 54.9326,
69.4819

■ 7.8979, 10.6604,
14.9686

■ 62.0309, 74.1693,
92.5136

■ 4.0809, 5.8389,
8.6510

■ 82.4246, 97.4423,
120.1438

■ 1.7480, 2.7474,
4.4205

■ 106.8598,
125.1358, 152.7909

■ 0.4861, 1.0013,
1.8588

135.7020,
157.6344, 190.8736

■ 0.0000, 0.0000,
0.4663

169.3164,

■ 0.0000, 0.0000,

195.3224, 234.8103

0.0000

208.0684,
238.5842, 285.0196

■ 21.4454, 27.0304,
35.5396

■ 21.4454, 27.0304,
35.5396

■ 19.9318, 26.0239,
35.4256

■ 23.2803, 28.2056,
35.6702

■ 18.7171, 25.1727,
35.3253

■ 25.4524, 29.5558,
35.8163

■ 17.7795, 24.4662,
35.2383

■ 27.9795, 31.0909,
35.9794

■ 17.0937, 23.8912,
35.1635

■ 30.8774, 32.8189,
36.1602

■ 16.6293, 23.4322,
35.0994

■ 34.1610, 34.7476,
36.3594

■ 16.3647, 23.1281,
35.0546

■ 37.8443, 36.8842,
36.5777

■ 41.9407, 39.2355,
36.8157

■ 46.4628, 41.8082,
37.0739

■ 51.4228, 44.6085,
37.3530

Harmonies

Analogous

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



21.0957, 27.0304, 27.9674



21.4454, 27.0304, 35.5396



22.8987, 27.0304, 42.3807

Triad

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



21.4454, 27.0304, 35.5396



29.8855, 27.0304, 38.5451



26.2150, 27.0304, 17.5086

Complementary

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



21.4454, 27.0304, 35.5396



19.5589, 15.8119, 11.6946

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.



28.7029, 27.0304, 19.4318



21.4454, 27.0304, 35.5396



30.9107, 27.0304, 30.9458

Square

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



21.4454, 27.0304, 35.5396



27.7441, 27.0304, 44.3079



30.4642, 27.0304, 24.0667



23.7429, 27.0304, 18.3245

Rectangle

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



21.4454, 27.0304, 35.5396



24.3525, 27.0304, 45.1861



30.4642, 27.0304, 24.0667



27.0789, 27.0304, 17.8445

Sweetspot

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



21.4462, 27.0315, 35.5402



50.3530, 56.1891, 65.3184



18.0946, 26.7468, 14.6353



10.8614, 12.2321, 14.3590



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.



21.4462, 27.0315, 35.5402



36.2750, 47.3164, 64.3478



16.8982, 17.9355, 34.0242



6.7874, 7.4406, 8.4851



13.4884, 19.0684, 28.8769



0.2505, 0.3596, 0.5194

Inverse Universe

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



23.0346, 16.6479, 31.7062



39.6133, 26.0073, 56.1750



23.0556, 22.8053, 12.8601



6.8868, 6.7476, 8.2550



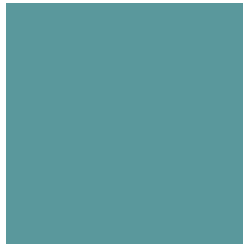
15.6065, 7.5472, 23.2428



0.2837, 0.1368, 0.4403

Previews

White Background



This preview shows how the XYZ color 21.4454, 27.0304, 35.5396 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 21.4454, 27.0304, 35.5396 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

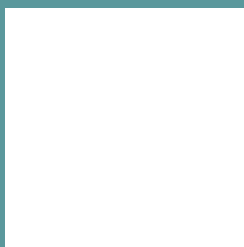
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4454, 27.0304, 35.5396

Background



This preview shows how black text looks on a background with the XYZ color 21.4454, 27.0304, 35.5396.



This preview shows how white text looks on a background with the XYZ color 21.4454, 27.0304,

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

21.4454, 27.0304, 35.5396

Protanopia

25.9582, 26.6769, 32.2148

Deuteranopia

27.3791, 26.8832, 36.5468



Tritanopia

22.0911, 27.0529, 38.7077

Trichromacy



Original Color

21.4454, 27.0304, 35.5396

Protanomaly

23.8091, 26.4245, 33.5513

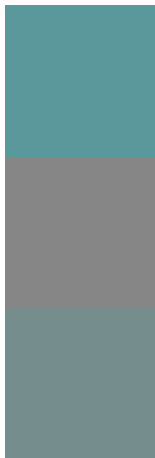
Deuteranomaly

24.5982, 26.5492, 36.1758

Tritanomaly

21.7262, 26.8954, 37.3040

Monochromacy



Original Color

21.4454, 27.0304, 35.5396

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.8786, 24.8543, 29.2354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4454, 27.0304, 35.5396 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(90, 152, 156)` looks like.

```
.text, #text, p{  
    color:rgb(90, 152, 156)  
}
```

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(90, 152, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 152, 156) }
```

Border

The CSS property to change the border of an element to XYZ 21.4454, 27.0304, 35.5396 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(90, 152, 156) }
```


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

```
.border{ border-color:rgb(90, 152, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 152, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 152, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 152, 156);  
box-shadow:4px 4px 4px 4px rgb(90, 152,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4454, 27.0304, 35.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 152, 156) }
```

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

```
.background{ background-color: rgb(90, 152,  
156) }
```

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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