

Converting Colors

XYZ(21.4679, 27.2438, 34.7204)

Have a look what the booklet for
XYZ(21.4679, 27.2438, 34.7204)
contains.

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Color

**XYZ(21.5384, 27.3397,
34.7137)**

Conversions

Conversions Part 1

Format	Color
Hex	5B999A
RGB	91, 153, 154
RGB Percent	36%, 60%, 60%
CMY	0.6431, 0.4000, 0.3961
CMYK	0.41, 0.01, 0.00, 0.40
HSL	181°, 26%, 48%
HSV	181°, 41%, 60%
XYZ	21.5384, 27.3397, 34.7137
YIQ	134.5760, -37.2730, -12.8330

Conversions

Conversions Part 2

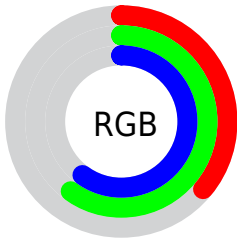
Format	Color
R_{YB}	91, 122, 154
Decimal	6003098
CIE _{Lab}	59.29, -19.68, -6.82
CIE _{LCh}	59, 20.831, 199.120
Y _{xy}	27.3397, 0.2577, 0.3271
Android (android.graphics.Color)	4284193178 (0xFF5B999A)
YUV	134.5760, 9.5760, -38.2162
Hunter-Lab	52.2874, -17.9746, -2.7616

Details

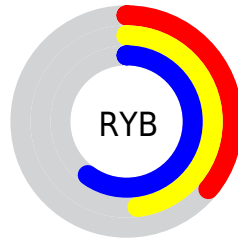
The XYZ color **21.5384, 27.3397, 34.7137** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0424, 15.2801, 11.8441**, and the grayscale version is **22.8485, 24.0384, 26.1778**.

A 20% lighter version of the original color is **45.6181, 55.6856, 68.0186**, and **7.9625, 10.8753, 14.5114** is the 20% darker color. If you saturate the color by 10%, you get **20.1336, 26.5569, 34.6371**, and if you desaturate by 10%, it is **23.2564, 28.2854, 34.8062**.

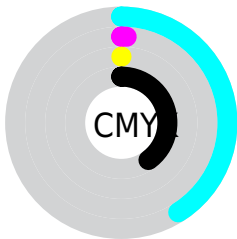
Distribution



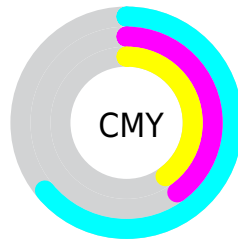
- Red (36%)
- Green (60%)
- Blue (60%)



- Red (36%)
- Yellow (48%)
- Blue (60%)



- Cyan (41%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5384, 27.3397, 34.7137 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 21.5384, 27.3397, 34.7137 by changing the saturation by 10% instead.

■ 21.5384, 27.3397,
34.7137

■ 21.5384, 27.3397,
34.7137

252.8040,
289.2981, 338.1686

■ 13.6328, 17.8285,
23.1606

■ 45.4664, 55.4285,
68.1885

■ 7.9457, 10.8269,
14.5057

■ 62.2196, 74.7749,
90.9474

■ 4.1117, 5.9506,
8.3305

■ 82.6527, 98.1685,
118.2786

■ 1.7655, 2.8151,
4.2164

■ 107.1310,
125.9937, 150.6007

■ 0.4968, 1.0360,
1.7448

136.0199,
158.6348, 188.3322

■ 0.0000, 0.0000,
0.3911

169.6849,

■ 0.0000, 0.0000,

196.4764, 231.8916

0.0000

208.4911,
239.9027, 281.6976

■ 21.5384, 27.3397,
34.7137

■ 21.5384, 27.3397,
34.7137

■ 20.1336, 26.5569,
34.6371

■ 23.2564, 28.2854,
34.8062

■ 19.0205, 25.9240,
34.5736

■ 25.3028, 29.3998,
34.9134

■ 18.1785, 25.4309,
34.5228

■ 27.6947, 30.6925,
35.0369

■ 17.5835, 25.0653,
34.4836

■ 30.4472, 32.1712,
35.1772

■ 17.2069, 24.8124,
34.4546

■ 33.5746, 33.8433,
35.3351

■ 16.9898, 24.6472,
34.4342

■ 37.0904, 35.7157,
35.5112

■ 41.0074, 37.7951,
35.7061

■ 45.3379, 40.0878,
35.9204

■ 50.0936, 42.5998,
36.1546

Harmonies

Analogous

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



21.3746, 27.3397, 27.1443



21.5384, 27.3397, 34.7137



22.8461, 27.3397, 41.9722

Triad

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



21.5384, 27.3397, 34.7137



29.9558, 27.3397, 40.1676



26.9416, 27.3397, 17.7957

Complementary

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



21.5384, 27.3397, 34.7137



19.0424, 15.2801, 11.8441

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.



29.4002, 27.3397, 20.1940



21.5384, 27.3397, 34.7137



31.2161, 27.3397, 32.5561

Square

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



21.5384, 27.3397, 34.7137



27.6594, 27.3397, 45.4663



31.0063, 27.3397, 25.3164



24.3807, 27.3397, 18.1767

Rectangle

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



21.5384, 27.3397, 34.7137



24.2425, 27.3397, 45.2669



31.0063, 27.3397, 25.3164



27.8102, 27.3397, 18.2852

Sweetspot

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



21.5392, 27.3408, 34.7143



49.6923, 55.4223, 63.6148



17.7590, 26.0912, 13.9985



11.1255, 12.4787, 14.3926



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.



21.5392, 27.3408, 34.7143



36.7871, 48.3621, 62.9322



17.1689, 18.6002, 33.2576



6.3762, 7.0097, 7.9459



13.8445, 20.0856, 28.0549



0.2093, 0.3048, 0.4202

Inverse Universe

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



22.8180, 16.6529, 32.1498



39.4449, 26.2935, 57.5697



22.2365, 21.6682, 12.9087



6.4570, 6.3220, 7.7867



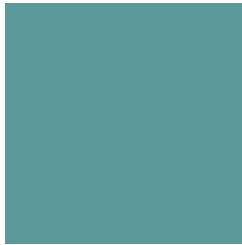
15.4468, 7.4330, 24.6757



0.2321, 0.1116, 0.3750

Previews

White Background



This preview shows how the XYZ color 21.5384, 27.3397, 34.7137 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 21.5384, 27.3397, 34.7137 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 21.5384, 27.3397, 34.7137

Background



This preview shows how black text looks on a background with the XYZ color 21.5384, 27.3397, 34.7137.

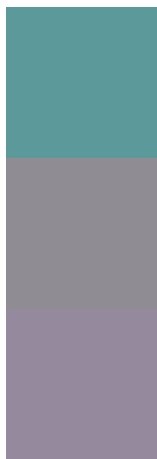


This preview shows how white text looks on a background with the XYZ color 21.5384, 27.3397,

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

21.5384, 27.3397, 34.7137

Protanopia

26.1190, 26.9960, 31.4379

Deuteranopia

27.5687, 27.0008, 35.6569



Tritanopia

22.3835, 27.1932, 39.1910

Trichromacy



Original Color

21.5384, 27.3397, 34.7137

Protanomaly

23.9426, 26.7379, 32.7532

Deuteranomaly

24.7253, 26.6344, 35.2903

Tritanomaly

22.0876, 27.3217, 37.3672

Monochromacy



Original Color

21.5384, 27.3397, 34.7137

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.1632, 25.2209, 29.2912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5384, 27.3397, 34.7137 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(91, 153, 154)` looks like.

```
.text, #text, p{  
    color:rgb(91, 153, 154)  
}
```

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(91, 153, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 153, 154) }
```

Border

The CSS property to change the border of an element to XYZ 21.5384, 27.3397, 34.7137 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(91, 153, 154) }
```


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

```
.border{ border-color:rgb(91, 153, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 153, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 153, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 153, 154);  
box-shadow:4px 4px 4px 4px rgb(91, 153,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5384, 27.3397, 34.7137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 153, 154) }
```

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

```
.background{ background-color: rgb(91, 153,  
154) }
```

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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