

Converting Colors

XYZ(21.6217, 27.8826, 37.9629)

Have a look what the booklet for
XYZ(21.6217, 27.8826, 37.9629)
contains.

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Color

**XYZ(21.5477, 27.7652,
37.9418)**

Conversions

Conversions Part 1

Format	Color
Hex	519BA1
RGB	81, 155, 161
RGB Percent	32%, 61%, 63%
CMY	0.6823, 0.3921, 0.3686
CMYK	0.50, 0.04, 0.00, 0.37
HSL	184°, 33%, 47%
HSV	184°, 50%, 63%
XYZ	21.5477, 27.7652, 37.9418
YIQ	133.5580, -46.0300, -13.8220

Conversions

Conversions Part 2

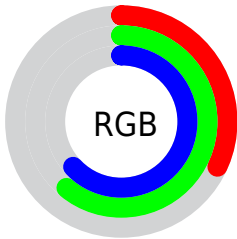
Format	Color
R_{YB}	81, 119, 161
Decimal	5348257
CIE _{Lab}	59.68, -21.31, -10.26
CIE _{LCh}	60, 23.656, 205.714
Yxy	27.7652, 0.2470, 0.3182
Android (android.graphics.Color)	4283538337 (0xFF519BA1)
YUV	133.5580, 13.5289, -46.0934
Hunter-Lab	52.6927, -19.2179, -5.8074

Details

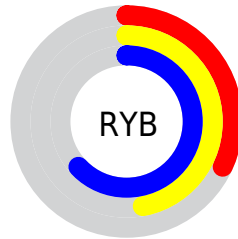
The XYZ color **21.5477, 27.7652, 37.9418** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.5919, 14.9881, 9.6457**, and the grayscale version is **22.4628, 23.6326, 25.7359**.

A 20% lighter version of the original color is **45.5946, 56.2853, 73.4268**, and **8.0142, 11.1550, 16.4826** is the 20% darker color. If you saturate the color by 10%, you get **20.1286, 26.7374, 37.8187**, and if you desaturate by 10%, it is **23.2977, 28.9677, 38.0822**.

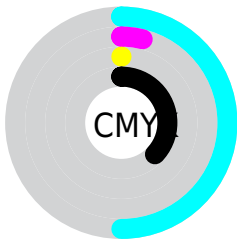
Distribution



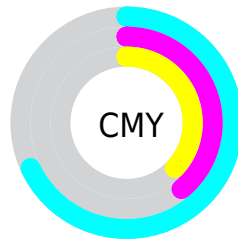
- Red (32%)
- Green (61%)
- Blue (63%)



- Red (32%)
- Yellow (47%)
- Blue (63%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (37%)



- Cyan (68%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5477, 27.7652, 37.9418 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 21.5477, 27.7652, 37.9418 by changing the saturation by 10% instead.

■ 21.5477, 27.7652,
37.9418

■ 21.5477, 27.7652,
37.9418

252.8521,
291.3432, 352.6609

■ 13.6397, 18.1487,
25.6360

■ 45.4817, 56.1094,
73.2214

■ 7.9505, 11.0568,
16.3282

■ 62.2385, 75.6058,
97.0322

■ 4.1148, 6.1051,
9.5999

■ 82.6755, 99.1644,
125.5152

■ 1.7673, 2.9091,
5.0324

■ 107.1581,
127.1696, 159.0889

■ 0.4978, 1.0844,
2.2072

■ 136.0517,
160.0056, 198.1718

■ 0.0000, 0.0000,
0.6785

169.7217,

■ 0.0000, 0.0000,

198.0570, 243.1824

0.0000

208.5333,
241.7081, 294.5392

■ 21.5477, 27.7652,
37.9418

■ 21.5477, 27.7652,
37.9418

■ 20.1286, 26.7374,
37.8187

■ 23.2977, 28.9677,
38.0822

■ 19.0142, 25.8692,
37.7098

■ 25.3971, 30.3528,
38.2389

■ 18.1788, 25.1477,
37.6146

■ 27.8663, 31.9315,
38.4134

■ 17.5913, 24.5569,
37.5315

■ 30.7232, 33.7130,
38.6067

■ 17.1815, 24.0607,
37.4574

■ 33.9846, 35.7061,
38.8196

■ 17.1692, 24.0455,
37.4551

■ 37.6663, 37.9190,
39.0526

■ 41.7833, 40.3592,
39.3066

■ 46.3499, 43.0343,
39.5823

■ 51.3795, 45.9511,
39.8802

Harmonies

Analogous

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



21.0686, 27.7652, 29.0192



21.5477, 27.7652, 37.9418



23.2860, 27.7652, 45.9543

Triad

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



21.5477, 27.7652, 37.9418



31.4237, 27.7652, 40.4727



26.8214, 27.7652, 16.6203

Complementary

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



21.5477, 27.7652, 37.9418



19.5919, 14.9881, 9.6457

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.



29.7583, 27.7652, 18.5792



21.5477, 27.7652, 37.9418



32.5395, 27.7652, 31.4773

Square

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



21.5477, 27.7652, 37.9418



28.9603, 27.7652, 47.5982



31.9083, 27.7652, 23.6438



23.9765, 27.7652, 17.7049

Rectangle

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



21.5477, 27.7652, 37.9418



24.9984, 27.7652, 49.1299



31.9083, 27.7652, 23.6438



27.8323, 27.7652, 16.9326

Sweetspot

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



21.5485, 27.7663, 37.9425



52.0722, 58.5457, 68.9425



17.8320, 27.9170, 13.3241



11.2038, 12.7045, 15.1054



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.5485, 27.7663, 37.9425



35.7281, 47.6428, 67.6994



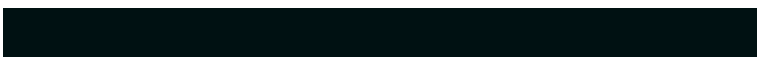
16.0341, 16.7374, 36.1043



7.2305, 7.9199, 9.0507



13.7254, 19.2302, 29.9182



0.3009, 0.4291, 0.6328

Inverse Universe

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



23.5575, 15.8292, 32.8252



39.8546, 24.0106, 56.9892



23.6874, 23.1790, 11.0108



7.3413, 7.1930, 8.7837



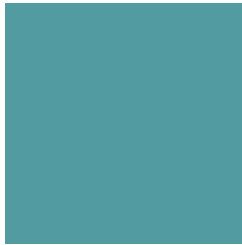
16.0734, 7.7854, 23.3750



0.3441, 0.1661, 0.5244

Previews

White Background



This preview shows how the XYZ color 21.5477, 27.7652, 37.9418 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 21.5477, 27.7652, 37.9418 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 21.5477, 27.7652, 37.9418

Background



This preview shows how black text looks on a background with the XYZ color 21.5477, 27.7652, 37.9418.

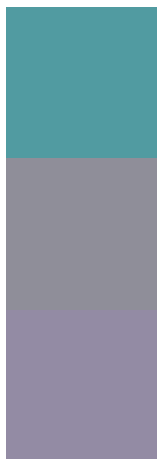


This preview shows how white text looks on a background with the XYZ color 21.5477, 27.7652,

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

21.5477, 27.7652, 37.9418

Protanopia

26.7505, 27.4855, 34.0323

Deuteranopia

27.9661, 27.3486, 38.9268



Tritanopia

22.0979, 27.7402, 40.7489

Trichromacy



Original Color

21.5477, 27.7652, 37.9418

Protanomaly

24.1802, 27.2608, 35.4399

Deuteranomaly

24.9046, 27.1061, 38.5697

Tritanomaly

21.8268, 27.6217, 39.7784

Monochromacy



Original Color

21.5477, 27.7652, 37.9418

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.7773, 25.0045, 30.0641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5477, 27.7652, 37.9418 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(81, 155, 161)` looks like.

```
.text, #text, p{  
    color:rgb(81, 155, 161)  
}
```

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(81, 155, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 155, 161) }
```

Border

The CSS property to change the border of an element to XYZ 21.5477, 27.7652, 37.9418 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(81, 155, 161) }
```


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

```
.border{ border-color:rgb(81, 155, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 155, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 155, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 155, 161);  
box-shadow:4px 4px 4px 4px rgb(81, 155,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5477, 27.7652, 37.9418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 155, 161) }
```

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

```
.background{ background-color: rgb(81, 155,  
161) }
```

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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