

Converting Colors

XYZ(27.3995, 32.8017, 39.7277)

Have a look what the booklet for
XYZ(27.3995, 32.8017, 39.7277)
contains.

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Color

**XYZ(27.3158, 32.7607,
39.5341)**

Conversions

Conversions Part 1

Format	Color
Hex	77A3A3
RGB	119, 163, 163
RGB Percent	47%, 64%, 64%
CMY	0.5333, 0.3608, 0.3608
CMYK	0.27, 0.00, 0.00, 0.36
HSL	180°, 19%, 55%
HSV	180°, 27%, 64%
XYZ	27.3158, 32.7607, 39.5341
YIQ	149.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

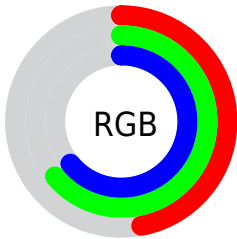
Format	Color
RYB	119, 141, 163
Decimal	7840675
CIELab	63.97, -14.72, -4.81
CIElCh	64, 15.489, 198.084
Yxy	32.7607, 0.2742, 0.3289
Android (android.graphics.Color)	4286030755 (0xFF77A3A3)
YUV	149.8440, 6.4859, -27.0502
Hunter-Lab	57.2370, -14.9772, -0.8863

Details

The XYZ color **27.3158, 32.7607, 39.5341** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.0320, 22.3130, 20.4415**, and the grayscale version is **28.9054, 30.4107, 33.1173**.

A 20% lighter version of the original color is **54.7396, 63.9754, 75.7931**, and **10.9376, 13.7455, 17.1156** is the 20% darker color. If you saturate the color by 10%, you get **25.2680, 31.7059, 39.4386**, and if you desaturate by 10%, it is **29.7492, 34.0160, 39.6491**.

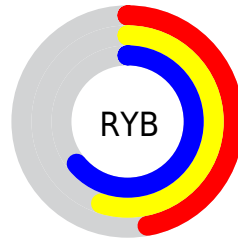
Distribution



Red (47%)

Green (64%)

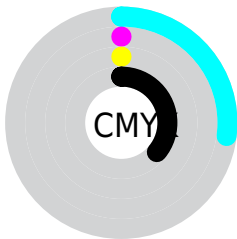
Blue (64%)



Red (47%)

Yellow (55%)

Blue (64%)

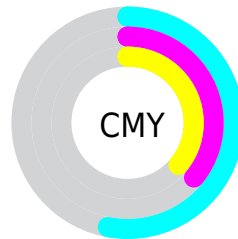


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3158, 32.7607, 39.5341 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 27.3158, 32.7607, 39.5341 by changing the saturation by 10% instead.

■ 27.3158, 32.7607,
39.5341

■ 27.3158, 32.7607,
39.5341

281.3227,
314.5701, 359.6495

■ 17.9484, 21.9432,
26.8645

■ 54.8065, 64.0017,
75.6828

■ 11.0124, 13.8152,
17.2399

■ 73.6605, 85.1941,
99.9990

■ 6.1425, 7.9922,
10.2419

■ 96.4074, 110.6134,
129.0345

■ 2.9734, 4.0900,
5.4520

123.4125,
140.6443, 163.2077

■ 1.1397, 1.7240,
2.4515

155.0413,
175.6710, 202.9373

■ 0.0580, 0.4391,
0.8143

191.6590,

■ 0.0000, 0.0000,

216.0779, 248.6417

0.0000

233.6310,
262.2495, 300.7396

■ 27.3158, 32.7607,
39.5341

■ 27.3158, 32.7607,
39.5341

■ 25.2680, 31.7059,
39.4386

■ 29.7492, 34.0160,
39.6491

■ 23.5834, 30.8374,
39.3594

■ 32.5835, 35.4771,
39.7821

■ 22.2416, 30.1457,
39.2962

■ 35.8367, 37.1542,
39.9347

■ 21.2191, 29.6186,
39.2480

■ 39.5249, 39.0555,
40.1077

■ 20.4894, 29.2424,
39.2135

■ 43.6632, 41.1889,
40.3017

■ 20.0218, 29.0014,
39.1912

■ 48.2662, 43.5618,
40.5175

■ 19.7696, 28.8714,
39.1791

■ 53.3476, 46.1813,
40.7556

■ 19.7082, 28.8397,
39.1761

■ 58.9206, 49.0543,
41.0168

■ 60.9494, 50.1002,
41.1121

Harmonies

Analogous

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



27.2088, 32.7607, 33.2457



27.3158, 32.7607, 39.5341



28.4172, 32.7607, 45.3851

Triad

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



27.3158, 32.7607, 39.5341



34.3672, 32.7607, 44.3196



32.0129, 32.7607, 25.1537

Complementary

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



27.3158, 32.7607, 39.5341



25.0320, 22.3130, 20.4415

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.



34.0273, 32.7607, 27.4522



27.3158, 32.7607, 39.5341



35.4285, 32.7607, 38.2111

Square

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



27.3158, 32.7607, 39.5341



32.4593, 32.7607, 48.3625



35.3012, 32.7607, 32.0678



29.8532, 32.7607, 25.4199

Rectangle

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



27.3158, 32.7607, 39.5341



29.5974, 32.7607, 48.0265



35.3012, 32.7607, 32.0678



32.7313, 32.7607, 25.6399

Sweetspot

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



27.3168, 32.7620, 39.5348



57.7284, 63.2125, 71.2142



24.1367, 31.5017, 22.2617



12.7922, 14.1079, 15.9862



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.3168, 32.7620, 39.5348



46.7832, 57.5701, 70.7004



23.8529, 25.8341, 38.3812



7.2761, 8.0113, 9.0658



15.3163, 22.4129, 30.4458



0.3218, 0.4709, 0.6398

Inverse Universe

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



25.0320, 22.3130, 20.4415



42.0404, 35.8793, 31.0653



27.8523, 27.9538, 21.3810



7.0738, 7.0860, 7.3751



11.7389, 6.0516, 0.5496



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 27.3158, 32.7607, 39.5341 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.3158, 32.7607, 39.5341 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 ✓ Pass

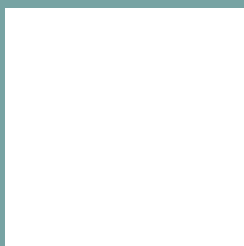
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3158, 32.7607, 39.5341

Background



This preview shows how black text looks on a background with the XYZ color 27.3158, 32.7607, 39.5341.

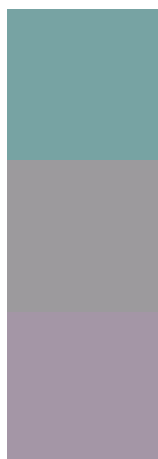


This preview shows how white text looks on a background with the XYZ color 27.3158, 32.7607,

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

27.3158, 32.7607, 39.5341

Protanopia

31.3517, 32.6134, 36.5409

Deuteranopia

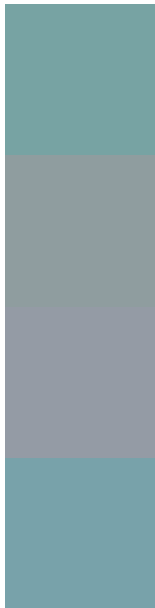
33.0991, 32.4584, 40.5970



Tritanopia

28.2700, 32.6107, 44.8489

Trichromacy



Original Color

27.3158, 32.7607, 39.5341

Protanomaly

29.6427, 32.4568, 37.5033

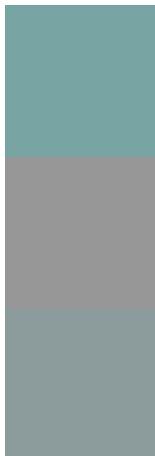
Deuteranomaly

30.7256, 32.4552, 40.2424

Tritanomaly

27.9218, 32.7360, 42.8773

Monochromacy



Original Color

27.3158, 32.7607, 39.5341

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.2852, 31.2982, 35.5607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3158, 32.7607, 39.5341 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(119, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(119, 163, 163)  
}
```

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(119, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 163, 163) }
```

Border

The CSS property to change the border of an element to XYZ 27.3158, 32.7607, 39.5341 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(119, 163, 163) }
```


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

```
.border{ border-color:rgb(119, 163, 163) }
```

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

Here you see how a box with a 4 pixel rgb(119, 163, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(119, 163,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3158, 32.7607, 39.5341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 163, 163) }
```

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

```
.background{ background-color: rgb(119,  
163, 163) }
```

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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