

Converting Colors

XYZ(27.4417, 32.8126, 39.6605)

Have a look what the booklet for
XYZ(27.4417, 32.8126, 39.6605)
contains.

XYZ(27.4538, 32.8318, 39.5405)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.4538, 32.8318,
39.5405)**

Conversions

Conversions Part 1

Format	Color
Hex	78A3A3
RGB	120, 163, 163
RGB Percent	47%, 64%, 64%
CMY	0.5294, 0.3608, 0.3608
CMYK	0.26, 0.00, 0.00, 0.36
HSL	180°, 19%, 55%
HSV	180°, 26%, 64%
XYZ	27.4538, 32.8318, 39.5405
YIQ	150.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

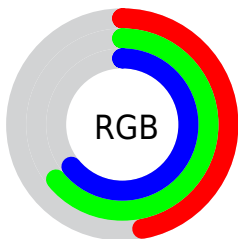
Format	Color
RYB	120, 142, 163
Decimal	7906211
CIELab	64.02, -14.42, -4.72
CIElCh	64, 15.170, 198.112
Yxy	32.8318, 0.2750, 0.3289
Android (android.graphics.Color)	4286096291 (0xFF78A3A3)
YUV	150.1430, 6.3385, -26.4354
Hunter-Lab	57.2990, -14.7483, -0.8051

Details

The XYZ color **27.4538, 32.8318, 39.5405** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.2121, 22.5765, 20.7996**, and the grayscale version is **29.0326, 30.5446, 33.2630**.

A 20% lighter version of the original color is **54.9599, 64.0890, 75.8034**, and **11.0079, 13.7818, 17.1189** is the 20% darker color. If you saturate the color by 10%, you get **25.3830, 31.7651, 39.4439**, and if you desaturate by 10%, it is **29.9113, 34.0995, 39.6566**.

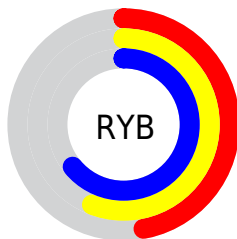
Distribution



Red (47%)

Green (64%)

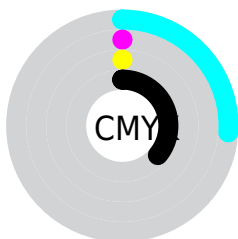
Blue (64%)



Red (47%)

Yellow (56%)

Blue (64%)

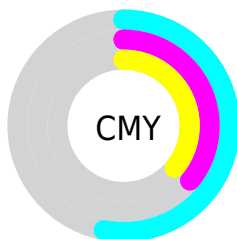


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4538, 32.8318, 39.5405 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 27.4538, 32.8318, 39.5405 by changing the saturation by 10% instead.

■ 27.4538, 32.8318,
39.5405

■ 27.4538, 32.8318,
39.5405

281.9753,
314.8911, 359.6774

■ 18.0527, 21.9976,
26.8694

■ 55.0260, 64.1128,
75.6927

■ 11.0877, 13.8552,
17.2436

■ 73.9278, 85.3285,
100.0109

■ 6.1936, 8.0200,
10.2445

■ 96.7271, 110.7734,
129.0485

■ 3.0049, 4.1077,
5.4537

123.7894,
140.8320, 163.2242

■ 1.1564, 1.7340,
2.4525

155.4801,
175.8887, 202.9563

■ 0.0715, 0.4455,
0.8148

192.1643,

■ 0.0000, 0.0000,

216.3279, 248.6636

0.0000

234.2076,
262.5339, 300.7644

■ 27.4538, 32.8318,
39.5405

■ 27.4538, 32.8318,
39.5405

■ 25.3830, 31.7651,
39.4439

■ 29.9113, 34.0995,
39.6566

■ 23.6767, 30.8855,
39.3637

■ 32.7709, 35.5737,
39.7908

■ 22.3145, 30.1832,
39.2996

■ 36.0504, 37.2643,
39.9446

■ 21.2731, 29.6464,
39.2505

■ 39.7657, 39.1796,
40.1189

■ 20.5263, 29.2614,
39.2152

■ 43.9322, 41.3275,
40.3142

■ 20.0436, 29.0126,
39.1922

■ 48.5641, 43.7153,
40.5314

■ 19.7821, 28.8778,
39.1796

■ 53.6752, 46.3502,
40.7709

■ 19.7082, 28.8397,
39.1760

■ 59.2789, 49.2390,
41.0336

■ 60.9494, 50.1001,
41.1121

Harmonies

Analogous

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



27.3477, 32.8318, 33.3738



27.4538, 32.8318, 39.5405



28.5367, 32.8318, 45.2642

Triad

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



27.4538, 32.8318, 39.5405



34.3721, 32.8318, 44.2130



32.0615, 32.8318, 25.4069

Complementary

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



27.4538, 32.8318, 39.5405



25.2121, 22.5765, 20.7996

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.



34.0361, 32.8318, 27.6692



27.4538, 32.8318, 39.5405



35.4103, 32.8318, 38.2327

Square

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



27.4538, 32.8318, 39.5405



32.5031, 32.8318, 48.1671



35.2846, 32.8318, 32.2066



29.9432, 32.8318, 25.6717

Rectangle

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



27.4538, 32.8318, 39.5405



29.6958, 32.8318, 47.8436



35.2846, 32.8318, 32.2066



32.7658, 32.8318, 25.8854

Sweetspot

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



27.4548, 32.8331, 39.5412



57.7284, 63.2125, 71.2142



24.3339, 31.5963, 22.5862



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.



27.4548, 32.8331, 39.5412



46.7832, 57.5701, 70.7004



24.0629, 26.0491, 38.4115



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.



25.2121, 22.5765, 20.7996



42.0404, 35.8793, 31.0653



27.9886, 28.1297, 21.7244



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 27.4538, 32.8318, 39.5405 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 27.4538, 32.8318, 39.5405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

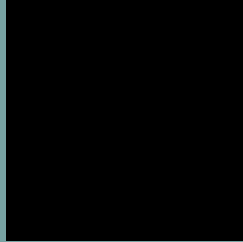
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4538, 32.8318, 39.5405

Background



This preview shows how black text looks on a background with the XYZ color 27.4538, 32.8318, 39.5405.

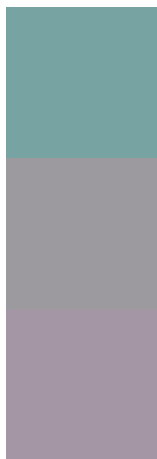


This preview shows how white text looks on a background with the XYZ color 27.4538, 32.8318,

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

27.4538, 32.8318, 39.5405

Protanopia

31.4375, 32.6477, 36.9925

Deuteranopia

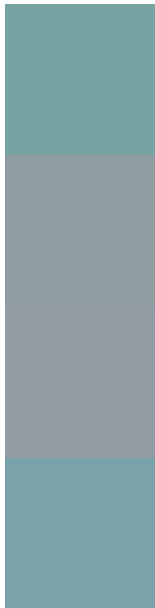
33.3063, 32.5652, 40.6067



Tritanopia

28.4109, 32.6833, 44.8555

Trichromacy



Original Color

27.4538, 32.8318, 39.5405

Protanomaly

29.7298, 32.4916, 37.9623

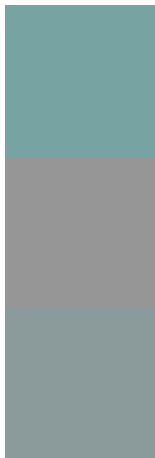
Deuteranomaly

30.9073, 32.5489, 40.2509

Tritanomaly

28.0612, 32.8079, 42.8838

Monochromacy



Original Color

27.4538, 32.8318, 39.5405

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 27.4538, 32.8318, 39.5405 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(120, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(120, 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(120, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 163, 163) }
```

Border

The CSS property to change the border of an element to XYZ 27.4538, 32.8318, 39.5405 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(120, 163, 163) }
```


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

```
.border{ border-color:rgb(120, 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(120, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(120, 163,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4538, 32.8318, 39.5405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 163, 163) }
```

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

```
.background{ background-color: rgb(120,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor