

Converting Colors

XYZ(27.0306, 32.0636, 40.6747)

Have a look what the booklet for
XYZ(27.0306, 32.0636, 40.6747)
contains.

XYZ(27.0990, 32.0945, 40.8430)	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(27.0990, 32.0945,
40.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	76A1A6
RGB	118, 161, 166
RGB Percent	46%, 63%, 65%
CMY	0.5372, 0.3686, 0.3490
CMYK	0.29, 0.03, 0.00, 0.35
HSL	186°, 21%, 56%
HSV	186°, 29%, 65%
XYZ	27.0990, 32.0945, 40.8430
YIQ	148.7130, -27.2330, -7.5610

Conversions

Conversions Part 2

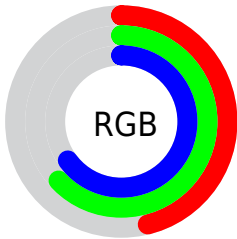
Format	Color
RYB	118, 141, 166
Decimal	7774630
CIELab	63.42, -13.25, -7.31
CIElCh	63, 15.128, 208.880
Yxy	32.0945, 0.2709, 0.3208
Android (android.graphics.Color)	4285964710 (0xFF76A1A6)
YUV	148.7130, 8.5225, -26.9353
Hunter-Lab	56.6520, -13.7571, -3.0884

Details

The XYZ color **27.0990, 32.0945, 40.8430** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.0792, 23.5810, 20.3172**, and the grayscale version is **28.4208, 29.9009, 32.5621**.

A 20% lighter version of the original color is **54.4016, 62.9901, 77.6977**, and **10.8206, 13.3455, 17.9252** is the 20% darker color. If you saturate the color by 10%, you get **24.7404, 30.4341, 40.6474**, and if you desaturate by 10%, it is **29.8604, 33.9704, 41.0601**.

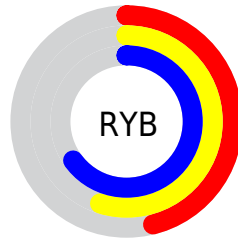
Distribution



Red (46%)

Green (63%)

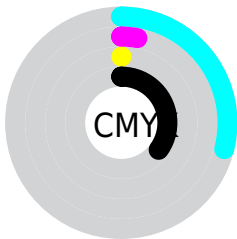
Blue (65%)



Red (46%)

Yellow (55%)

Blue (65%)

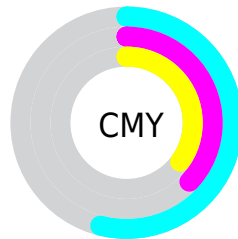


Cyan (29%)

Magenta (3%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0990, 32.0945, 40.8430 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 27.0990, 32.0945, 40.8430 by changing the saturation by 10% instead.

■ 27.0990, 32.0945,
40.8430

■ 27.0990, 32.0945,
40.8430

280.2950,
311.5495, 365.3212

■ 17.7846, 21.4337,
27.8777

■ 54.4615, 62.9592,
77.6966

■ 10.8942, 13.4414,
17.9952

■ 73.2402, 83.9319,
102.4219

■ 6.0625, 7.7332,
10.7771

■ 95.9044, 109.1107,
131.9043

■ 2.9241, 3.9247,
5.8049

122.8194,
138.8799, 166.5623

■ 1.1138, 1.6315,
2.6600

154.3506,
173.6240, 206.8144

■ 0.0366, 0.3787,
0.9232

190.8634,

■ 0.0000, 0.0000,

213.7274, 253.0793

0.0000

232.7230,
259.5744, 305.7754

■ 27.0990, 32.0945,
40.8430

■ 27.0990, 32.0945,
40.8430

■ 24.7404, 30.4341,
40.6474

■ 29.8604, 33.9704,
41.0601

■ 22.7610, 28.9745,
40.4700

■ 33.0411, 36.0678,
41.2973

■ 21.1389, 27.7053,
40.3105

■ 36.6600, 38.3974,
41.5562

■ 19.8492, 26.6135,
40.1677

■ 40.7341, 40.9680,
41.8376

■ 18.8631, 25.6844,
40.0403

■ 45.2795, 43.7878,
42.1424

■ 18.1476, 24.9008,
39.9268

■ 50.3114, 46.8648,
42.4711

■ 17.6379, 24.2294,
39.8241

■ 55.8445, 50.2064,
42.8244

■ 17.5857, 24.1585,
39.8131

■ 61.8928, 53.8200,
43.2031

■ 63.7583, 55.2837,
43.3873

Harmonies

Analogous

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



26.6376, 32.0945, 34.7195



27.0990, 32.0945, 40.8430



28.4621, 32.0945, 45.8278

Triad

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



27.0990, 32.0945, 40.8430



34.0995, 32.0945, 41.2796



30.5840, 32.0945, 24.5977

Complementary

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



27.0990, 32.0945, 40.8430



26.0792, 23.5810, 20.3172

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.



32.6431, 32.0945, 25.9385



27.0990, 32.0945, 40.8430



34.7294, 32.0945, 35.1723

Square

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



27.0990, 32.0945, 40.8430



32.5000, 32.0945, 46.0996



34.1848, 32.0945, 29.6448



28.5931, 32.0945, 25.7534

Rectangle

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



27.0990, 32.0945, 40.8430



29.7315, 32.0945, 47.5863



34.1848, 32.0945, 29.6448



31.2915, 32.0945, 24.7684

Sweetspot

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



27.1000, 32.0958, 40.8437



59.8103, 65.3576, 74.9382



24.6706, 32.5496, 23.6563



13.1924, 14.5005, 16.7557



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.1000, 32.0958, 40.8437



46.2212, 56.1774, 73.8825



23.3288, 24.5536, 39.5867



7.6798, 8.3966, 9.6343



13.6566, 18.7735, 30.8794



0.3507, 0.4936, 0.7574

Inverse Universe

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



28.6381, 23.6377, 36.7729



49.5395, 38.3261, 65.0115



29.3991, 30.2209, 21.4238



7.8077, 7.6530, 9.3048



16.3938, 7.9662, 22.6833



0.4081, 0.1975, 0.6008

Previews

White Background



This preview shows how the XYZ color 27.0990, 32.0945, 40.8430 looks on a white background.

Color Contrast Check

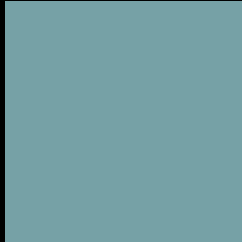
Large Text (above 18pt) WCAG AA × Fail

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 27.0990, 32.0945, 40.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

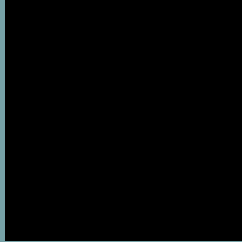
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.0990, 32.0945, 40.8430

Background



This preview shows how black text looks on a background with the XYZ color 27.0990, 32.0945, 40.8430.



This preview shows how white text looks on a background with the XYZ color 27.0990, 32.0945,

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

27.0990, 32.0945, 40.8430

Protanopia

30.9877, 31.8997, 38.2422

Deuteranopia

32.6068, 31.9365, 41.9819



Tritanopia

27.8594, 32.1518, 44.2727

Trichromacy



Original Color

27.0990, 32.0945, 40.8430

Protanomaly

29.3167, 31.7498, 39.2335

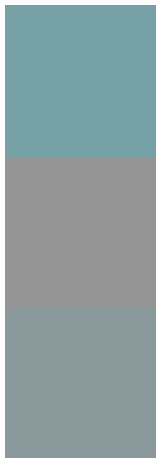
Deuteranomaly

30.1362, 31.6294, 41.5625

Tritanomaly

27.4343, 31.9658, 42.7543

Monochromacy



Original Color

27.0990, 32.0945, 40.8430

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.7889, 30.5523, 35.4429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0990, 32.0945, 40.8430 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(118, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(118, 161, 166)  
}
```

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(118, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 161, 166) }
```

Border

The CSS property to change the border of an element to XYZ 27.0990, 32.0945, 40.8430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

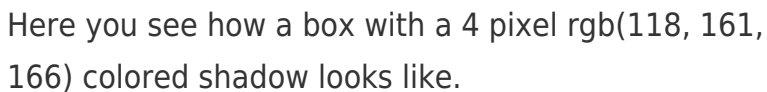
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 161, 166) }
```


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

```
.border{ border-color:rgb(118, 161, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 161, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 161, 166); box-shadow:4px 4px 4px 4px rgb(118, 161, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0990, 32.0945, 40.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 161, 166) }
```

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

```
.background{ background-color: rgb(118,  
161, 166) }
```

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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