

Converting Colors

XYZ(28.3647, 32.4935, 40.2886)

Have a look what the booklet for
XYZ(28.3647, 32.4935, 40.2886)
contains.

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Color

**XYZ(28.4156, 32.5254,
40.3777)**

Conversions

Conversions Part 1

Format	Color
Hex	81A0A5
RGB	129, 160, 165
RGB Percent	51%, 63%, 65%
CMY	0.4941, 0.3725, 0.3529
CMYK	0.22, 0.03, 0.00, 0.35
HSL	188°, 17%, 58%
HSV	188°, 22%, 65%
XYZ	28.4156, 32.5254, 40.3777
YIQ	151.3010, -20.0810, -5.0170

Conversions

Conversions Part 2

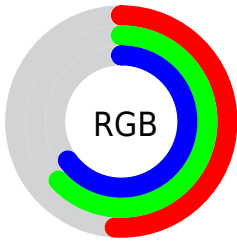
Format	Color
RYB	129, 146, 165
Decimal	8495269
CIELab	63.77, -9.53, -6.15
CIElCh	64, 11.337, 212.831
Yxy	32.5254, 0.2805, 0.3210
Android (android.graphics.Color)	4286685349 (0xFF81A0A5)
YUV	151.3010, 6.7536, -19.5580
Hunter-Lab	57.0310, -10.8671, -2.0553

Details

The XYZ color **28.4156, 32.5254, 40.3777** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.0049, 26.6345, 24.4344**, and the grayscale version is **29.5232, 31.0607, 33.8251**.

A 20% lighter version of the original color is **56.5101, 63.7133, 77.0296**, and **11.6737, 13.7918, 17.6696** is the 20% darker color. If you saturate the color by 10%, you get **25.7157, 30.5503, 40.1393**, and if you desaturate by 10%, it is **31.5295, 34.7265, 40.6390**.

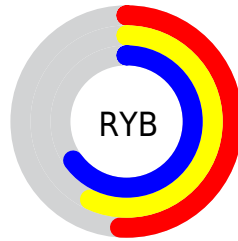
Distribution



Red (51%)

Green (63%)

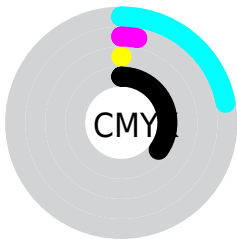
Blue (65%)



Red (51%)

Yellow (57%)

Blue (65%)

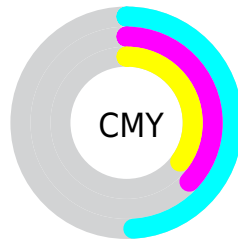


Cyan (22%)

Magenta (3%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4156, 32.5254, 40.3777 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 28.4156, 32.5254, 40.3777 by changing the saturation by 10% instead.

■ 28.4156, 32.5254,
40.3777

■ 28.4156, 32.5254,
40.3777

286.4917,
313.5057, 363.3123

■ 18.7812, 21.7631,
27.5171

■ 56.5513, 63.6338,
76.9817

■ 11.6154, 13.6829,
17.7261

■ 75.7833, 84.7488,
101.5622

■ 6.5527, 7.9005,
10.5861

■ 98.9453, 110.0834,
130.8864

■ 3.2278, 4.0313,
5.6786

126.4026,
140.0222, 165.3729

■ 1.2753, 1.6911,
2.5851

158.5205,
174.9494, 205.4402

■ 0.1646, 0.4179,
0.8847

195.6644,

■ 0.0000, 0.0000,

215.2494, 251.5068

0.0000

238.1997,
261.3067, 303.9913

■ 28.4156, 32.5254,
40.3777

■ 28.4156, 32.5254,
40.3777

■ 25.7157, 30.5503,
40.1393

■ 31.5295, 34.7265,
40.6390

■ 23.4074, 28.7870,
39.9206

■ 35.0727, 37.1589,
40.9217

■ 21.4707, 27.2260,
39.7214

■ 39.0630, 39.8329,
41.2275

■ 19.8826, 25.8555,
39.5405

■ 43.5167, 42.7568,
41.5572

■ 18.6175, 24.6620,
39.3769

■ 48.4491, 45.9385,
41.9113

■ 17.6460, 23.6306,
39.2290

■ 53.8746, 49.3856,
42.2907

■ 16.9336, 22.7432,
39.0952

■ 59.8073, 53.1053,
42.6960

■ 16.4787, 22.0908,
38.9933

■ 64.0175, 55.9484,
43.0229

■ 64.4782, 56.8698,
43.1765

Harmonies

Analogous

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



27.9599, 32.5254, 35.8489



28.4156, 32.5254, 40.3777



29.5391, 32.5254, 43.7908

Triad

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



28.4156, 32.5254, 40.3777



33.7153, 32.5254, 39.5657



30.7637, 32.5254, 27.3685

Complementary

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



28.4156, 32.5254, 40.3777



28.0049, 26.6345, 24.4344

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.



32.3318, 32.5254, 28.1811



28.4156, 32.5254, 40.3777



34.0701, 32.5254, 34.9839

Square

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



28.4156, 32.5254, 40.3777



32.6020, 32.5254, 43.2944



33.5556, 32.5254, 30.8759



29.2861, 32.5254, 28.5541

Rectangle

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



28.4156, 32.5254, 40.3777



30.5344, 32.5254, 44.8332



33.5556, 32.5254, 30.8759



31.2976, 32.5254, 27.4172

Sweetspot

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



28.4166, 32.5267, 40.3784



59.3442, 64.1818, 73.0129



26.7981, 33.2936, 27.4957



12.8985, 13.9796, 15.9560



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.



28.4166, 32.5267, 40.3784



48.5481, 56.5545, 72.1097



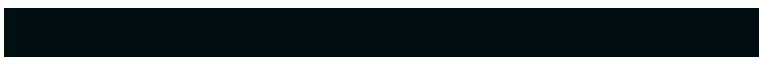
25.5482, 26.7899, 39.4223



7.1919, 7.8428, 9.0378



12.4932, 16.7659, 29.5075



0.2841, 0.3954, 0.6272

Inverse Universe

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



29.7132, 26.2386, 36.7578



51.3013, 43.4327, 64.3708



30.6759, 31.9765, 25.3247



7.3218, 7.1852, 8.6812



15.4515, 7.5366, 20.0999



0.3356, 0.1627, 0.4797

Previews

White Background



This preview shows how the XYZ color 28.4156, 32.5254, 40.3777 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 28.4156, 32.5254, 40.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

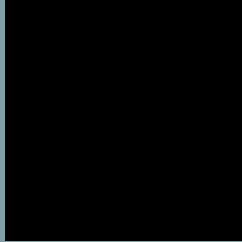
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.4156, 32.5254, 40.3777

Background



This preview shows how black text looks on a background with the XYZ color 28.4156, 32.5254, 40.3777.

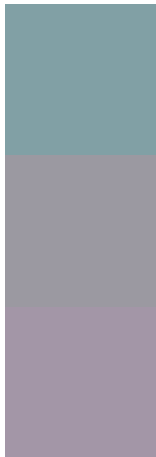


This preview shows how white text looks on a background with the XYZ color 28.4156, 32.5254,

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

28.4156, 32.5254, 40.3777

Protanopia

31.3418, 32.3242, 38.3055

Deuteranopia

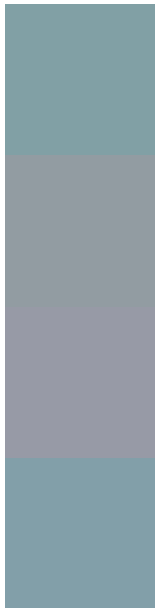
32.9857, 32.3892, 41.0724



Tritanopia

29.0505, 32.5207, 43.7757

Trichromacy



Original Color

28.4156, 32.5254, 40.3777

Protanomaly

30.2641, 32.4966, 38.8598

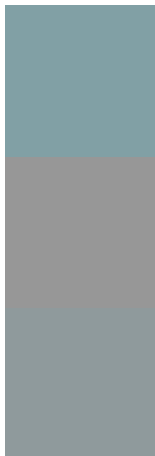
Deuteranomaly

31.2010, 32.4437, 40.6942

Tritanomaly

28.7655, 32.4067, 42.2751

Monochromacy



Original Color

28.4156, 32.5254, 40.3777

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.8840, 31.3511, 35.9815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4156, 32.5254, 40.3777 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(129, 160, 165)` looks like.

```
.text, #text, p{  
    color:rgb(129, 160, 165)  
}
```

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(129, 160, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 160, 165) }
```

Border

The CSS property to change the border of an element to XYZ 28.4156, 32.5254, 40.3777 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(129, 160, 165) }
```


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

```
.border{ border-color:rgb(129, 160, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 160, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 160, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 160, 165); box-shadow:4px 4px 4px 4px rgb(129, 160, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4156, 32.5254, 40.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 160, 165) }
```

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

```
.background{ background-color: rgb(129,  
160, 165) }
```

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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