

Converting Colors

XYZ(28.5635, 32.0394, 40.4042)

Have a look what the booklet for
XYZ(28.5635, 32.0394, 40.4042)
contains.

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Color

**XYZ(28.5341, 32.0759,
40.2847)**

Conversions

Conversions Part 1

Format	Color
Hex	849EA5
RGB	132, 158, 165
RGB Percent	52%, 62%, 65%
CMY	0.4823, 0.3804, 0.3529
CMYK	0.20, 0.04, 0.00, 0.35
HSL	193°, 15%, 58%
HSV	193°, 20%, 65%
XYZ	28.5341, 32.0759, 40.2847
YIQ	151.0240, -17.7430, -3.3350

Conversions

Conversions Part 2

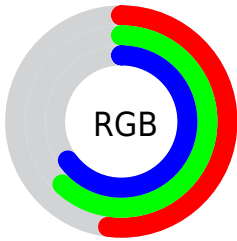
Format	Color
RYB	132, 147, 165
Decimal	8691365
CIELab	63.41, -7.47, -6.67
CIELCh	63, 10.017, 221.770
Yxy	32.0759, 0.2828, 0.3179
Android (android.graphics.Color)	4286881445 (0xFF849EA5)
YUV	151.0240, 6.8902, -16.6840
Hunter-Lab	56.6356, -9.1805, -2.5279

Details

The XYZ color **28.5341, 32.0759, 40.2847** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9148, 28.1304, 25.7361**, and the grayscale version is **29.4033, 30.9346, 33.6878**.

A 20% lighter version of the original color is **56.9622, 63.1949, 76.9058**, and **11.7180, 13.5015, 17.6112** is the 20% darker color. If you saturate the color by 10%, you get **25.5670, 29.6737, 39.9779**, and if you desaturate by 10%, it is **31.9282, 34.7251, 40.6177**.

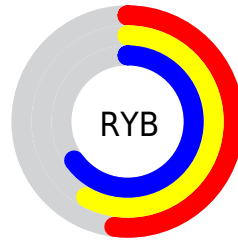
Distribution



Red (52%)

Green (62%)

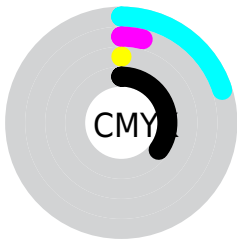
Blue (65%)



Red (52%)

Yellow (58%)

Blue (65%)

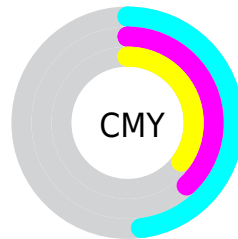


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5341, 32.0759, 40.2847 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 28.5341, 32.0759, 40.2847 by changing the saturation by 10% instead.

■ 28.5341, 32.0759,
40.2847

■ 28.5341, 32.0759,
40.2847

287.0443,
311.4649, 362.9098

■ 18.8712, 21.4195,
27.4451

■ 56.7387, 62.9301,
76.8387

■ 11.6807, 13.4310,
17.6724

■ 76.0112, 83.8966,
101.3901

■ 6.5973, 7.7260,
10.5481

■ 99.2174, 109.0686,
130.6827

■ 3.2556, 3.9201,
5.6535

126.7229,
138.8305, 165.1348

■ 1.2903, 1.6290,
2.5702

158.8930,
173.5667, 205.1650

■ 0.1760, 0.3770,
0.8770

196.0931,

■ 0.0000, 0.0000,

213.6615, 251.1919

0.0000

238.6884,
259.4995, 303.6340

■ 28.5341, 32.0759,
40.2847

■ 28.5341, 32.0759,
40.2847

■ 25.5670, 29.6737,
39.9779

■ 31.9282, 34.7251,
40.6177

■ 23.0049, 27.5044,
39.6943

■ 35.7644, 37.6269,
40.9756

■ 20.8278, 25.5584,
39.4334

■ 40.0607, 40.7915,
41.3600

■ 19.0129, 23.8238,
39.1942

■ 44.8332, 44.2274,
41.7716

■ 17.5352, 22.2874,
38.9756

■ 50.0970, 47.9426,
42.2113

■ 16.3660, 20.9342,
38.7760

■ 55.8668, 51.9449,
42.6797

■ 15.4717, 19.7466,
38.5939

■ 62.1565, 56.2416,
43.1776

■ 14.7759, 18.6852,
38.4257

■ 65.5894, 59.0922,
43.5469

■ 14.7759, 18.6851,
38.4257

■ 66.3356, 60.5846,
43.7956

Harmonies

Analogous

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



27.9411, 32.0759, 36.5124



28.5341, 32.0759, 40.2847



29.6575, 32.0759, 42.7240

Triad

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



28.5341, 32.0759, 40.2847



33.1009, 32.0759, 37.3786



29.9444, 32.0759, 27.9452

Complementary

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



28.5341, 32.0759, 40.2847



28.9148, 28.1304, 25.7361

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.



31.3322, 32.0759, 28.1384



28.5341, 32.0759, 40.2847



33.1834, 32.0759, 33.3847

Square

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



28.5341, 32.0759, 40.2847



32.3052, 32.0759, 40.9602



32.5274, 32.0759, 30.0635



28.7386, 32.0759, 29.5141

Rectangle

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



28.5341, 32.0759, 40.2847



30.5699, 32.0759, 43.1614



32.5274, 32.0759, 30.0635



30.4046, 32.0759, 27.8097

Sweetspot

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



28.5350, 32.0772, 40.2854



59.7566, 64.1558, 72.9861



27.6024, 33.6688, 29.3176



12.9745, 13.9578, 15.9478



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.



28.5350, 32.0772, 40.2854



48.6514, 55.4830, 71.8974



25.9659, 26.9390, 39.4291



7.1480, 7.7551, 9.0232



11.2149, 14.2093, 29.0814



0.2659, 0.3590, 0.6211

Inverse Universe

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



29.9406, 26.9711, 35.9772



51.6654, 44.7729, 62.6057



31.4205, 33.1419, 26.5713



7.2997, 7.1763, 8.5646



14.8062, 7.2786, 16.7022



0.3264, 0.1590, 0.4313

Previews

White Background



This preview shows how the XYZ color 28.5341, 32.0759, 40.2847 looks on a white background.

Color Contrast Check

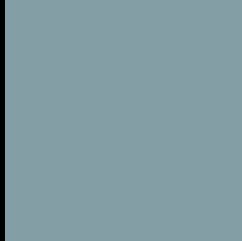
Large Text (above 18pt) WCAG AA × Fail

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 28.5341, 32.0759, 40.2847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

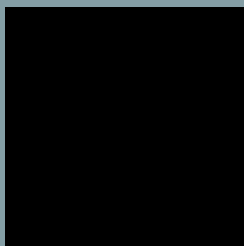
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

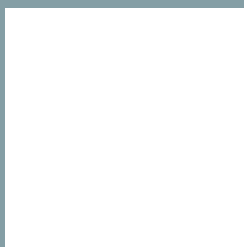
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5341, 32.0759, 40.2847

Background



This preview shows how black text looks on a background with the XYZ color 28.5341, 32.0759, 40.2847.



This preview shows how white text looks on a background with the XYZ color 28.5341, 32.0759,

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

28.5341, 32.0759, 40.2847

Protanopia

30.8867, 31.8374, 38.6998

Deuteranopia

32.6228, 31.9663, 41.0099



Tritanopia

28.9855, 32.0028, 42.6797

Trichromacy



Original Color

28.5341, 32.0759, 40.2847

Protanomaly

29.8435, 31.7753, 39.2107

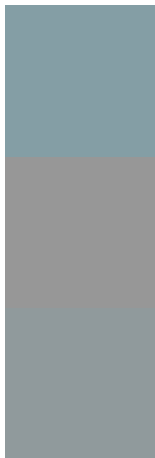
Deuteranomaly

30.8737, 31.7890, 40.5851

Tritanomaly

28.7977, 31.9276, 41.6906

Monochromacy



Original Color

28.5341, 32.0759, 40.2847

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0580, 31.4408, 35.9897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5341, 32.0759, 40.2847 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(132, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(132, 158, 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(132, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 158, 165) }
```

Border

The CSS property to change the border of an element to XYZ 28.5341, 32.0759, 40.2847 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(132, 158, 165) }
```


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

```
.border{ border-color:rgb(132, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(132, 158,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5341, 32.0759, 40.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 158, 165) }
```

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

```
.background{ background-color: rgb(132,  
158, 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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