

Converting Colors

XYZ(28.7293, 32.7651, 42.3425)

Have a look what the booklet for
XYZ(28.7293, 32.7651, 42.3425)
contains.

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Color

**XYZ(28.6343, 32.5954,
42.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	80A0A9
RGB	128, 160, 169
RGB Percent	50%, 63%, 66%
CMY	0.4980, 0.3725, 0.3373
CMYK	0.24, 0.05, 0.00, 0.34
HSL	193°, 19%, 58%
HSV	193°, 24%, 66%
XYZ	28.6343, 32.5954, 42.3185
YIQ	151.4580, -21.9610, -3.9850

Conversions

Conversions Part 2

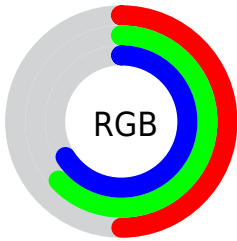
Format	Color
RYB	128, 146, 169
Decimal	8429737
CIELab	63.83, -8.92, -8.31
CIElCh	64, 12.192, 222.996
Yxy	32.5954, 0.2765, 0.3148
Android (android.graphics.Color)	4286619817 (0xFF80A0A9)
YUV	151.4580, 8.6482, -20.5727
Hunter-Lab	57.0924, -10.3862, -3.9828

Details

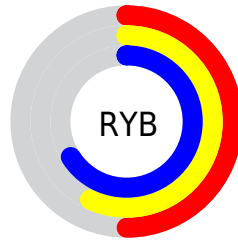
The XYZ color **28.6343, 32.5954, 42.3185** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.2044, 27.8849, 24.2657**, and the grayscale version is **29.5833, 31.1239, 33.8939**.

A 20% lighter version of the original color is **57.0464, 63.9278, 79.8536**, and **11.8214, 13.8413, 18.8782** is the 20% darker color. If you saturate the color by 10%, you get **25.6678, 30.1266, 41.9989**, and if you desaturate by 10%, it is **32.0453, 35.3235, 42.6658**.

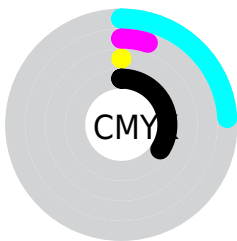
Distribution



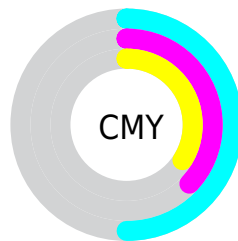
- Red (50%)
- Green (63%)
- Blue (66%)



- Red (50%)
- Yellow (57%)
- Blue (66%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)



- Cyan (50%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6343, 32.5954, 42.3185 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 28.6343, 32.5954, 42.3185 by changing the saturation by 10% instead.

■ 28.6343, 32.5954,
42.3185

■ 28.6343, 32.5954,
42.3185

287.5110,
313.8226, 371.6401

■ 18.9472, 21.8167,
29.0233

■ 56.8971, 63.7433,
79.9567

■ 11.7359, 13.7223,
18.8527

■ 76.2036, 84.8813,
105.1369

■ 6.6351, 7.9277,
11.3882

■ 99.4473, 110.2412,
135.1157

■ 3.2792, 4.0487,
6.2111

126.9935,
140.2074, 170.3119

■ 1.3031, 1.7009,
2.9030

159.2077,
175.1642, 211.1439

■ 0.1855, 0.4242,
1.0453

196.4550,

■ 0.0000, 0.0000,

215.4961, 258.0302

0.0000

239.1010,
261.5874, 311.3894

■ 28.6343, 32.5954,
42.3185

■ 28.6343, 32.5954,
42.3185

■ 25.6678, 30.1266,
41.9989

■ 32.0453, 35.3235,
42.6658

■ 23.1218, 27.9020,
41.7037

■ 35.9176, 38.3173,
43.0396

■ 20.9744, 25.9108,
41.4325

■ 40.2706, 41.5879,
43.4415

■ 19.2004, 24.1399,
41.1842

■ 45.1218, 45.1444,
43.8723

■ 17.7716, 22.5744,
40.9573

■ 50.4876, 48.9957,
44.3328

■ 16.6557, 21.1975,
40.7504

■ 56.3838, 53.1501,
44.8239

■ 15.8137, 19.9887,
40.5614

■ 62.8255, 57.6156,
45.3463

■ 15.4009, 19.3433,
40.4586

■ 66.7446, 60.8108,
45.7565

■ 67.5564, 62.4344,
46.0271

Harmonies

Analogous

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



27.8818, 32.5954, 37.6542



28.6343, 32.5954, 42.3185



30.0279, 32.5954, 45.2950

Triad

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



28.6343, 32.5954, 42.3185



34.2379, 32.5954, 38.3209



30.2463, 32.5954, 27.0718

Complementary

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



28.6343, 32.5954, 42.3185



29.2044, 27.8849, 24.2657

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.



31.9540, 32.5954, 27.2146



28.6343, 32.5954, 42.3185



34.3017, 32.5954, 33.4120

Square

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



28.6343, 32.5954, 42.3185



33.2813, 32.5954, 42.8452



33.4524, 32.5954, 29.4402



28.7891, 32.5954, 29.0302

Rectangle

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



28.6343, 32.5954, 42.3185



31.1534, 32.5954, 45.7665



33.4524, 32.5954, 29.4402



30.8092, 32.5954, 26.8813

Sweetspot

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



28.6353, 32.5967, 42.3192



62.2518, 67.0369, 76.8835



27.5976, 34.7685, 28.8801



13.4822, 14.5450, 16.7490



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.



28.6353, 32.5967, 42.3192



48.3921, 55.9955, 75.4828



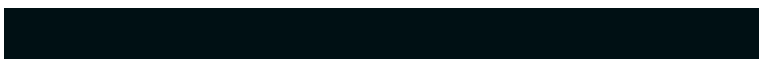
25.3863, 26.0987, 41.2362



7.6058, 8.2485, 9.6096



11.5186, 14.4974, 30.1667



0.3140, 0.4202, 0.7452

Inverse Universe

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



30.4273, 26.4121, 36.7536



52.2034, 43.2084, 63.5635



32.3810, 34.2380, 25.3246



7.7704, 7.6380, 9.1080



15.3147, 7.5346, 17.0004



0.3896, 0.1901, 0.5034

Previews

White Background



This preview shows how the XYZ color 28.6343, 32.5954, 42.3185 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 28.6343, 32.5954, 42.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

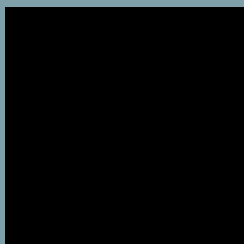
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

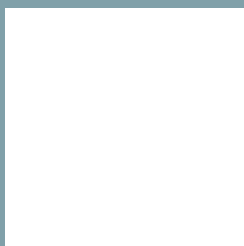
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6343, 32.5954, 42.3185

Background



This preview shows how black text looks on a background with the XYZ color 28.6343, 32.5954, 42.3185.



This preview shows how white text looks on a background with the XYZ color 28.6343, 32.5954,

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

28.6343, 32.5954, 42.3185

Protanopia

31.5092, 32.3691, 40.1845

Deuteranopia

32.9550, 32.3300, 43.0315



Tritanopia

28.8978, 32.4420, 43.7686

Trichromacy



Original Color

28.6343, 32.5954, 42.3185

Protanomaly

30.4485, 32.5498, 40.7543

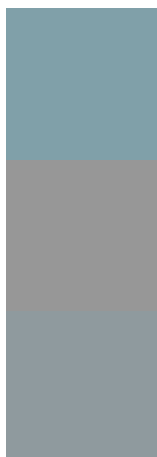
Deuteranomaly

31.2057, 32.4030, 42.6399

Tritanomaly

28.8021, 32.4037, 43.2646

Monochromacy



Original Color

28.6343, 32.5954, 42.3185

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0548, 31.4195, 36.8810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6343, 32.5954, 42.3185 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(128, 160, 169)` looks like.

```
.text, #text, p{  
    color:rgb(128, 160, 169)  
}
```

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(128, 160, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 160, 169) }
```

Border

The CSS property to change the border of an element to XYZ 28.6343, 32.5954, 42.3185 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(128, 160, 169) }
```


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

```
.border{ border-color:rgb(128, 160, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 160, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 160, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 160, 169);  
box-shadow:4px 4px 4px 4px rgb(128, 160,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6343, 32.5954, 42.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 160, 169) }
```

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

```
.background{ background-color: rgb(128,  
160, 169) }
```

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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