

Converting Colors

XYZ(28.7392, 32.6208, 40.7380)

Have a look what the booklet for
XYZ(28.7392, 32.6208, 40.7380)
contains.

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Color

**XYZ(28.8138, 32.7201,
40.8734)**

Conversions

Conversions Part 1

Format	Color
Hex	83A0A6
RGB	131, 160, 166
RGB Percent	51%, 63%, 65%
CMY	0.4863, 0.3725, 0.3490
CMYK	0.21, 0.04, 0.00, 0.35
HSL	190°, 16%, 58%
HSV	190°, 21%, 65%
XYZ	28.8138, 32.7201, 40.8734
YIQ	152.0130, -19.2100, -4.2820

Conversions

Conversions Part 2

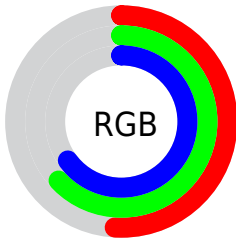
Format	Color
RYB	131, 147, 166
Decimal	8626342
CIELab	63.93, -8.66, -6.46
CIELCh	64, 10.800, 216.725
Yxy	32.7201, 0.2814, 0.3195
Android (android.graphics.Color)	4286816422 (0xFF83A0A6)
YUV	152.0130, 6.8956, -18.4284
Hunter-Lab	57.2015, -10.1877, -2.3247

Details

The XYZ color **28.8138, 32.7201, 40.8734** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.7685, 27.6370, 25.2915**, and the grayscale version is **29.8285, 31.3819, 34.1749**.

A 20% lighter version of the original color is **57.3592, 64.1356, 77.7629**, and **11.8992, 13.9015, 17.9757** is the 20% darker color. If you saturate the color by 10%, you get **25.9587, 30.5253, 40.6008**, and if you desaturate by 10%, it is **32.0941, 35.1525, 41.1705**.

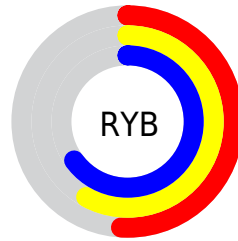
Distribution



Red (51%)

Green (63%)

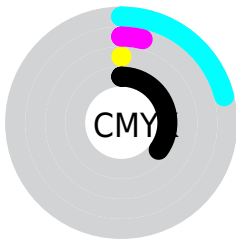
Blue (65%)



Red (51%)

Yellow (58%)

Blue (65%)

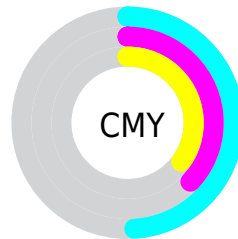


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8138, 32.7201, 40.8734 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 28.8138, 32.7201, 40.8734 by changing the saturation by 10% instead.

■ 28.8138, 32.7201,
40.8734

■ 28.8138, 32.7201,
40.8734

288.3455,
314.3866, 365.4522

■ 19.0836, 21.9121,
27.9012

■ 57.1807, 63.9383,
77.7433

■ 11.8351, 13.7923,
18.0128

■ 76.5482, 85.1173,
102.4780

■ 6.7029, 7.9764,
10.7897

■ 99.8587, 110.5221,
131.9707

■ 3.3216, 4.0798,
5.8132

127.4777,
140.5370, 166.6399

■ 1.3260, 1.7183,
2.6649

159.7705,
175.5466, 206.9041

■ 0.2026, 0.4355,
0.9257

197.1025,

■ 0.0000, 0.0000,

215.9351, 253.1818

0.0000

239.8390,
262.0870, 305.8917

■ 28.8138, 32.7201,
40.8734

■ 28.8138, 32.7201,
40.8734

■ 25.9587, 30.5253,
40.6008

■ 32.0941, 35.1525,
41.1705

■ 23.5061, 28.5538,
40.3495

■ 35.8150, 37.8281,
41.4909

■ 21.4359, 26.7960,
40.1193

■ 39.9948, 40.7572,
41.8359

■ 19.7248, 25.2398,
39.9091

■ 44.6497, 43.9483,
42.2066

■ 18.3470, 23.8716,
39.7177

■ 49.7952, 47.4096,
42.6034

■ 17.2730, 22.6762,
39.5435

■ 55.4461, 51.1487,
43.0273

■ 16.4681, 21.6357,
39.3851

■ 61.6166, 55.1730,
43.4789

■ 15.9077, 20.8025,
39.2538

■ 65.0073, 57.7817,
43.8037

■ 65.5990, 58.9652,
44.0009

Harmonies

Analogous

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



28.2845, 32.7201, 36.6164



28.8138, 32.7201, 40.8734



29.9581, 32.7201, 43.8878

Triad

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



28.8138, 32.7201, 40.8734



33.8641, 32.7201, 39.0398



30.7583, 32.7201, 27.9391

Complementary

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



28.8138, 32.7201, 40.8734



28.7685, 27.6370, 25.2915

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.



32.2695, 32.7201, 28.4732



28.8138, 32.7201, 40.8734



34.0953, 32.7201, 34.6548

Square

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



28.8138, 32.7201, 40.8734



32.8813, 32.7201, 42.7704



33.5029, 32.7201, 30.8492



29.3833, 32.7201, 29.3262

Rectangle

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



28.8138, 32.7201, 40.8734



30.9327, 32.7201, 44.6599



33.5029, 32.7201, 30.8492



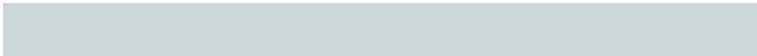
31.2669, 32.7201, 27.9018

Sweetspot

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



28.8148, 32.7214, 40.8741



61.5026, 66.1556, 75.0031



27.5003, 33.8997, 28.6987



13.6700, 14.7373, 16.7762



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.



28.8148, 32.7214, 40.8741



49.9321, 57.5880, 73.9592



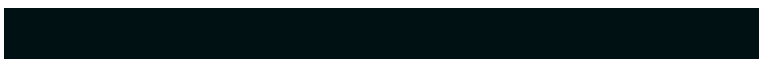
26.0161, 27.1241, 39.9412



7.6366, 8.3100, 9.6198



12.3652, 16.1907, 30.4489



0.3288, 0.4499, 0.7502

Inverse Universe

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



30.1881, 26.8783, 36.8562



52.8800, 45.2804, 65.2823



31.4339, 32.9677, 26.1800



7.7859, 7.6442, 9.1897



15.7420, 7.7055, 19.2507



0.3971, 0.1931, 0.5427

Previews

White Background



This preview shows how the XYZ color 28.8138, 32.7201, 40.8734 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 28.8138, 32.7201, 40.8734 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

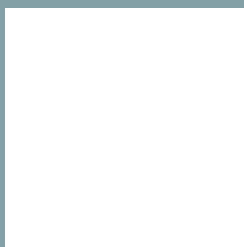
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8138, 32.7201, 40.8734

Background



This preview shows how black text looks on a background with the XYZ color 28.8138, 32.7201, 40.8734.

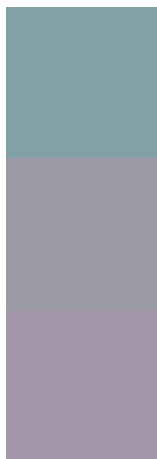


This preview shows how white text looks on a background with the XYZ color 28.8138, 32.7201,

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

28.8138, 32.7201, 40.8734

Protanopia

31.5948, 32.6884, 38.8267

Deuteranopia

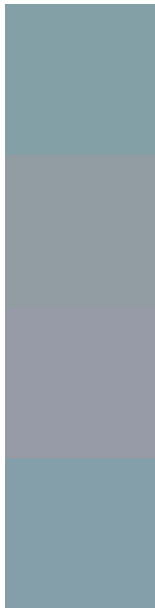
33.0785, 32.4264, 41.5613



Tritanopia

29.3603, 32.6804, 43.7902

Trichromacy



Original Color

28.8138, 32.7201, 40.8734

Protanomaly

30.3534, 32.5323, 39.3299

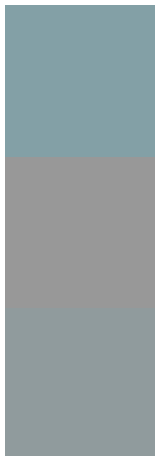
Deuteranomaly

31.2932, 32.4805, 41.1793

Tritanomaly

29.1696, 32.6041, 42.7860

Monochromacy



Original Color

28.8138, 32.7201, 40.8734

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3087, 31.8063, 36.4928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8138, 32.7201, 40.8734 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(131, 160, 166)` looks like.

```
.text, #text, p{  
    color:rgb(131, 160, 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(131, 160, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 160, 166) }
```

Border

The CSS property to change the border of an element to XYZ 28.8138, 32.7201, 40.8734 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(131, 160, 166) }
```


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

```
.border{ border-color:rgb(131, 160, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 160, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 160, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 160, 166);  
box-shadow:4px 4px 4px 4px rgb(131, 160,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8138, 32.7201, 40.8734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 160, 166) }
```

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

```
.background{ background-color: rgb(131,  
160, 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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