

Converting Colors

XYZ(28.0819, 32.1776, 38.0267)

Have a look what the booklet for
XYZ(28.0819, 32.1776, 38.0267)
contains.

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Color

**XYZ(28.1034, 32.1596,
37.9839)**

Conversions

Conversions Part 1

Format	Color
Hex	839FA0
RGB	131, 159, 160
RGB Percent	51%, 62%, 63%
CMY	0.4863, 0.3765, 0.3725
CMYK	0.18, 0.01, 0.00, 0.37
HSL	182°, 13%, 57%
HSV	182°, 18%, 63%
XYZ	28.1034, 32.1596, 37.9839
YIQ	150.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

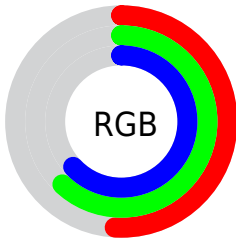
Format	Color
RYB	131, 145, 160
Decimal	8626080
CIELab	63.47, -9.46, -3.77
CIElCh	63, 10.183, 201.707
Yxy	32.1596, 0.2860, 0.3273
Android (android.graphics.Color)	4286816160 (0xFF839FA0)
YUV	150.7420, 4.5642, -17.3137
Hunter-Lab	56.7094, -10.7826, -0.0158

Details

The XYZ color **28.1034, 32.1596, 37.9839** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.8456, 25.6150, 25.0027**, and the grayscale version is **29.2922, 30.8177, 33.5605**.

A 20% lighter version of the original color is **56.0795, 63.1898, 73.5311**, and **11.5162, 13.5786, 16.4820** is the 20% darker color. If you saturate the color by 10%, you get **25.7199, 30.7915, 37.8460**, and if you desaturate by 10%, it is **30.8719, 33.7285, 38.1413**.

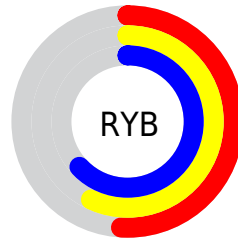
Distribution



Red (51%)

Green (62%)

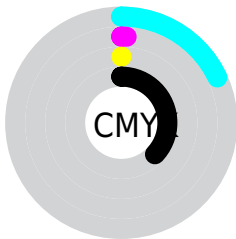
Blue (63%)



Red (51%)

Yellow (57%)

Blue (63%)

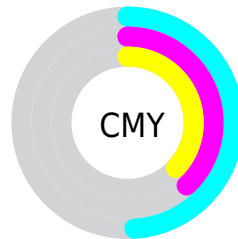


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (37%)



Cyan (49%)

Magenta (38%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1034, 32.1596, 37.9839 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 28.1034, 32.1596, 37.9839 by changing the saturation by 10% instead.

■ 28.1034, 32.1596,
37.9839

■ 28.1034, 32.1596,
37.9839

285.0318,
311.8456, 352.8470

■ 18.5445, 21.4834,
25.6685

■ 56.0570, 63.0612,
73.2866

■ 11.4436, 13.4778,
16.3522

■ 75.1823, 84.0554,
97.1110

■ 6.4355, 7.7584,
9.6167

■ 98.2272, 109.2578,
125.6087

■ 3.1548, 3.9407,
5.0433

125.5569,
139.0527, 159.1983

■ 1.2362, 1.6405,
2.2135

157.5369,
173.8246, 198.2985

■ 0.1346, 0.3847,
0.6821

194.5325,

■ 0.0000, 0.0000,

213.9577, 243.3276

0.0000

236.9090,
259.8366, 294.7043

■ 28.1034, 32.1596,
37.9839

■ 28.1034, 32.1596,
37.9839

■ 25.7199, 30.7915,
37.8460

■ 30.8719, 33.7285,
38.1413

■ 23.7012, 29.6111,
37.7245

■ 34.0389, 35.5027,
38.3169

■ 22.0292, 28.6102,
37.6195

■ 37.6209, 37.4914,
38.5119

■ 20.6834, 27.7780,
37.5298

■ 41.6324, 39.7022,
38.7272

■ 19.6411, 27.1029,
37.4544

■ 46.0874, 42.1422,
38.9634

■ 18.8766, 26.5717,
37.3921

■ 50.9991, 44.8183,
39.2211

■ 18.3600, 26.1689,
37.3416

■ 56.3803, 47.7371,
39.5008

■ 18.0374, 25.8667,
37.3003

■ 60.7550, 50.1376,
39.7336

■ 17.9827, 25.8131,
37.2928

■ 60.8533, 50.3342,
39.7664

Harmonies

Analogous

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



27.9479, 32.1596, 33.9023



28.1034, 32.1596, 37.9839



28.9084, 32.1596, 41.5079

Triad

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



28.1034, 32.1596, 37.9839



32.7565, 32.1596, 40.0804



30.9616, 32.1596, 27.8453

Complementary

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



28.1034, 32.1596, 37.9839



26.8456, 25.6150, 25.0027

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.



32.2873, 32.1596, 29.2395



28.1034, 32.1596, 37.9839



33.3443, 32.1596, 36.1545

Square

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



28.1034, 32.1596, 37.9839



31.5861, 32.1596, 42.7820



33.1700, 32.1596, 32.2075



29.5696, 32.1596, 28.2523

Rectangle

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



28.1034, 32.1596, 37.9839



29.7191, 32.1596, 42.9640



33.1700, 32.1596, 32.2075



31.4304, 32.1596, 28.1147

Sweetspot

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



28.1043, 32.1609, 37.9846



57.7169, 62.1756, 69.3456



26.0941, 31.6325, 26.5490



12.5777, 13.5908, 15.2040



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.1043, 32.1609, 37.9846



49.0836, 57.2818, 68.8561



25.7601, 27.4725, 37.2032



6.8023, 7.4703, 8.4901



14.0149, 20.1214, 29.0524



0.2560, 0.3706, 0.5213

Inverse Universe

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



28.8723, 26.2102, 36.3397



50.7632, 44.3294, 65.2443



28.9455, 29.8149, 25.7027



6.8943, 6.7506, 8.2945



15.8723, 7.6535, 24.6422



0.2865, 0.1379, 0.4550

Previews

White Background



This preview shows how the XYZ color 28.1034, 32.1596, 37.9839 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 28.1034, 32.1596, 37.9839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

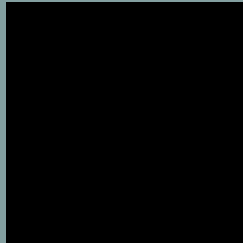
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.1034, 32.1596, 37.9839

Background



This preview shows how black text looks on a background with the XYZ color 28.1034, 32.1596, 37.9839.

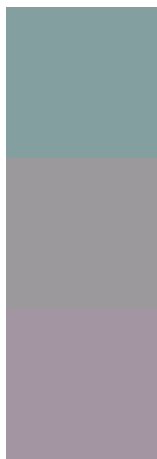


This preview shows how white text looks on a background with the XYZ color 28.1034, 32.1596,

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

28.1034, 32.1596, 37.9839

Protanopia

30.9096, 32.1513, 36.0292

Deuteranopia

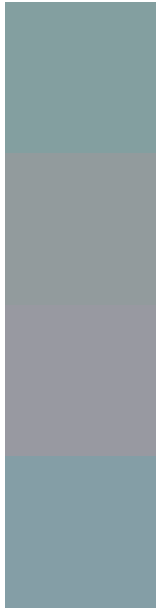
32.5789, 31.9960, 38.6412



Tritanopia

28.9855, 32.0028, 42.6797

Trichromacy



Original Color

28.1034, 32.1596, 37.9839

Protanomaly

29.6612, 31.9880, 36.5093

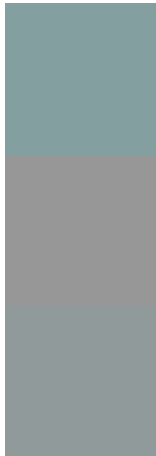
Deuteranomaly

30.7731, 32.0311, 38.2789

Tritanomaly

28.6255, 32.1124, 40.7660

Monochromacy



Original Color

28.1034, 32.1596, 37.9839

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.8899, 31.3736, 35.1049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1034, 32.1596, 37.9839 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, 159, 160)` looks like.

```
.text, #text, p{  
    color:rgb(131, 159, 160)  
}
```

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, 159, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 159, 160) }
```

Border

The CSS property to change the border of an element to XYZ 28.1034, 32.1596, 37.9839 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, 159, 160) }
```


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

```
.border{ border-color:rgb(131, 159, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 159, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 159, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 159, 160);  
box-shadow:4px 4px 4px 4px rgb(131, 159,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1034, 32.1596, 37.9839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 159, 160) }
```

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

```
.background{ background-color: rgb(131,  
159, 160) }
```

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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