

Converting Colors

XYZ(27.8838, 32.7421, 37.6188)

Have a look what the booklet for
XYZ(27.8838, 32.7421, 37.6188)
contains.

XYZ(27.9307, 32.8559, 37.6706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.9307, 32.8559,
37.6706)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA29F
RGB	127, 162, 159
RGB Percent	50%, 64%, 62%
CMY	0.5020, 0.3647, 0.3765
CMYK	0.22, 0.00, 0.02, 0.36
HSL	175°, 16%, 57%
HSV	175°, 22%, 64%
XYZ	27.9307, 32.8559, 37.6706
YIQ	151.1930, -19.8970, -8.3530

Conversions

Conversions Part 2

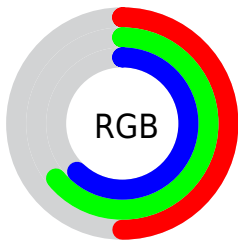
Format	Color
RYB	127, 145, 162
Decimal	8364703
CIELab	64.04, -12.60, -2.40
CIELCh	64, 12.825, 190.769
Yxy	32.8559, 0.2837, 0.3337
Android (android.graphics.Color)	4286554783 (0xFF7FA29F)
YUV	151.1930, 3.8489, -21.2173
Hunter-Lab	57.3201, -13.3313, 1.1588

Details

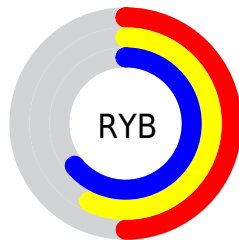
The XYZ color **27.9307, 32.8559, 37.6706** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5201, 24.4726, 24.4463**, and the grayscale version is **29.4889, 31.0246, 33.7858**.

A 20% lighter version of the original color is **55.7728, 64.1840, 73.0675**, and **11.3433, 13.8124, 16.2556** is the 20% darker color. If you saturate the color by 10%, you get **25.5896, 31.6638, 36.9357**, and if you desaturate by 10%, it is **30.6630, 34.2513, 38.4322**.

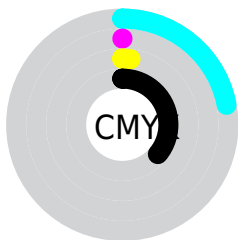
Distribution



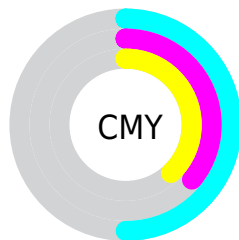
- Red (50%)
- Green (64%)
- Blue (62%)



- Red (50%)
- Yellow (57%)
- Blue (64%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (36%)



- Cyan (50%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9307, 32.8559, 37.6706 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 27.9307, 32.8559, 37.6706 by changing the saturation by 10% instead.

■ 27.9307, 32.8559,
37.6706

■ 27.9307, 32.8559,
37.6706

284.2217,
314.9999, 351.4605

■ 18.4136, 22.0161,
25.4273

■ 55.7832, 64.1505,
72.8008

■ 11.3488, 13.8687,
16.1738

■ 74.8493, 85.3740,
96.5247

■ 6.3710, 8.0294,
9.4915

■ 97.8292, 110.8276,
124.9127

■ 3.1147, 4.1138,
4.9620

125.0881,
140.8957, 158.3831

■ 1.2147, 1.7374,
2.1666

156.9915,
175.9625, 197.3545

■ 0.1180, 0.4477,
0.6550

193.9046,

■ 0.0000, 0.0000,

216.4126, 242.2456

0.0000

236.1929,
262.6302, 293.4747

■ 27.9307, 32.8559,
37.6706

■ 27.9307, 32.8559,
37.6706

■ 25.5896, 31.6638,
36.9357

■ 30.6630, 34.2513,
38.4322

■ 23.6184, 30.6613,
36.2245

■ 33.8010, 35.8548,
39.2193

■ 21.9981, 29.8395,
35.5368

■ 37.3618, 37.6761,
40.0332

■ 20.7065, 29.1871,
34.8714

■ 41.3607, 39.7232,
40.8748

■ 19.7195, 28.6915,
34.2273

■ 45.8125, 42.0035,
41.7448

■ 19.0092, 28.3383,
33.6031

■ 50.7309, 44.5243,
42.6438

■ 18.5426, 28.1108,
32.9973

■ 56.1293, 47.2923,
43.5725

■ 18.2748, 27.9834,
32.4998

■ 61.4278, 50.0086,
44.5037

■ 61.5601, 50.0615,
45.2004

Harmonies

Analogous

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



28.0544, 32.8559, 32.5888



27.9307, 32.8559, 37.6706



28.6646, 32.8559, 42.6908

Triad

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



27.9307, 32.8559, 37.6706



33.5584, 32.8559, 43.8724



32.3898, 32.8559, 27.1593

Complementary

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



27.9307, 32.8559, 37.6706



26.5201, 24.4726, 24.4463

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.



33.9411, 32.8559, 29.6487



27.9307, 32.8559, 37.6706



34.6336, 32.8559, 39.1613

Square

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



27.9307, 32.8559, 37.6706



31.8838, 32.8559, 46.4945



34.7763, 32.8559, 33.9431



30.5824, 32.8559, 26.8436

Rectangle

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



27.9307, 32.8559, 37.6706



29.5586, 32.8559, 45.2032



34.7763, 32.8559, 33.9431



32.9603, 32.8559, 27.7575

Sweetspot

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



27.9316, 32.8572, 37.6713



58.6991, 63.7287, 70.5468



26.0348, 32.1598, 24.9144



13.1052, 14.2731, 15.8249



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.



27.9316, 32.8572, 37.6713



48.5408, 58.5438, 67.7283



25.8648, 28.3015, 38.2835



7.2498, 8.0007, 8.9271



14.4045, 22.0481, 25.6443



0.3098, 0.4661, 0.5764

Inverse Universe

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



26.5201, 24.4726, 24.4463



45.5067, 40.5162, 39.2981



28.2570, 28.2645, 24.0454



7.0973, 7.0954, 7.4988



11.8081, 6.0793, 0.9141



0.2550, 0.1305, 0.0557

Previews

White Background



This preview shows how the XYZ color 27.9307, 32.8559, 37.6706 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 27.9307, 32.8559, 37.6706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

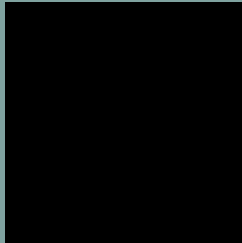
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.9307, 32.8559, 37.6706

Background



This preview shows how black text looks on a background with the XYZ color 27.9307, 32.8559, 37.6706.

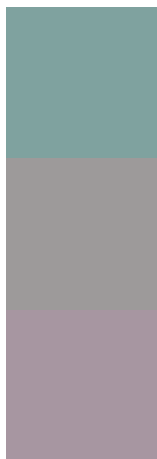


This preview shows how white text looks on a background with the XYZ color 27.9307, 32.8559,

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

27.9307, 32.8559, 37.6706

Protanopia

31.2930, 32.6124, 35.2174

Deuteranopia

33.2757, 32.6014, 38.2571



Tritanopia

29.3196, 32.9046, 44.3411

Trichromacy



Original Color

27.9307, 32.8559, 37.6706

Protanomaly

29.9118, 32.6252, 36.1733

Deuteranomaly

30.8497, 32.3247, 37.8710

Tritanomaly

28.8660, 32.9840, 41.8909

Monochromacy



Original Color

27.9307, 32.8559, 37.6706

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.7094, 31.5266, 35.1439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9307, 32.8559, 37.6706 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(127, 162, 159)` looks like.

```
.text, #text, p{  
    color:rgb(127, 162, 159)  
}
```

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(127, 162, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 162, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.9307, 32.8559, 37.6706 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(127, 162, 159) }
```


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

```
.border{ border-color:rgb(127, 162, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 162, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(127, 162,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9307, 32.8559, 37.6706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 162, 159) }
```

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

```
.background{ background-color: rgb(127,  
162, 159) }
```

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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