

Converting Colors

XYZ(26.8437, 32.5878, 36.3277)

Have a look what the booklet for
XYZ(26.8437, 32.5878, 36.3277)
contains.

XYZ(26.8437, 32.5878, 36.3277)	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(26.8437, 32.5878,
36.3277)**

Conversions

Conversions Part 1

Format	Color
Hex	78A39C
RGB	120, 163, 156
RGB Percent	47%, 64%, 61%
CMY	0.5294, 0.3608, 0.3882
CMYK	0.26, 0.00, 0.04, 0.36
HSL	170°, 19%, 55%
HSV	170°, 26%, 64%
XYZ	26.8437, 32.5878, 36.3277
YIQ	149.3450, -23.3810, -11.2930

Conversions

Conversions Part 2

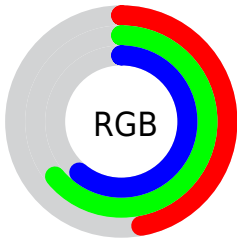
Format	Color
RYB	120, 143, 163
Decimal	7906204
CIELab	63.83, -16.03, -1.08
CIElCh	64, 16.065, 183.870
Yxy	32.5878, 0.2803, 0.3403
Android (android.graphics.Color)	4286096284 (0xFF78A39C)
YUV	149.3450, 3.2809, -25.7356
Hunter-Lab	57.0857, -15.9631, 2.2296

Details

The XYZ color **26.8437, 32.5878, 36.3277** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.6527, 22.7527, 23.1198**, and the grayscale version is **28.7068, 30.2018, 32.8898**.

A 20% lighter version of the original color is **53.9378, 63.6802, 70.4214**, and **10.7600, 13.6909, 15.4401** is the 20% darker color. If you saturate the color by 10%, you get **24.5506, 31.4322, 35.0604**, and if you desaturate by 10%, it is **29.5284, 33.9464, 37.6403**.

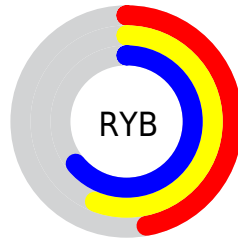
Distribution



Red (47%)

Green (64%)

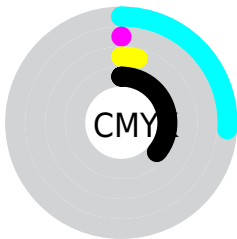
Blue (61%)



Red (47%)

Yellow (56%)

Blue (64%)

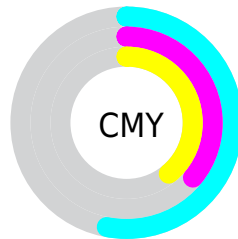


Cyan (26%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8437, 32.5878, 36.3277 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 26.8437, 32.5878, 36.3277 by changing the saturation by 10% instead.

■ 26.8437, 32.5878,
36.3277

■ 26.8437, 32.5878,
36.3277

279.0809,
313.7882, 345.4712

■ 17.5919, 21.8109,
24.3957

■ 54.0546, 63.7314,
70.7123

■ 10.7553, 13.7180,
15.4125

■ 72.7444, 84.8669,
94.0020

■ 5.9686, 7.9248,
8.9596

■ 95.3109, 110.2241,
121.9146

■ 2.8665, 4.0469,
4.6184

122.1194,
140.1873, 154.8687

■ 1.0835, 1.6998,
1.9703

153.5353,
175.1409, 193.2829

■ 0.0113, 0.4235,
0.5370

189.9239,

■ 0.0000, 0.0000,

215.4693, 237.5757

0.0000

231.6507,
261.5570, 288.1656

■ 26.8437, 32.5878,
36.3277

■ 26.8437, 32.5878,
36.3277

■ 24.5506, 31.4322,
35.0604

■ 29.5284, 33.9464,
37.6403

■ 22.6268, 30.4656,
33.8353

■ 32.6202, 35.5134,
38.9971

■ 21.0520, 29.6783,
32.6517

■ 36.1368, 37.2989,
40.3997

■ 19.8029, 29.0584,
31.5086

■ 40.0943, 39.3111,
41.8491

■ 18.8531, 28.5922,
30.4045

■ 44.5079, 41.5578,
43.3461

■ 18.1723, 28.2641,
29.3377

■ 49.3920, 44.0466,
44.8916

■ 17.7173, 28.0519,
28.3063

■ 54.7605, 46.7844,
46.4863

■ 17.5745, 27.9863,
27.9400

■ 60.6266, 49.7781,
48.1310

■ 62.5648, 50.7464,
49.6188

Harmonies

Analogous

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



27.2397, 32.5878, 30.2869



26.8437, 32.5878, 36.3277



27.5093, 32.5878, 42.8672

Triad

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



26.8437, 32.5878, 36.3277



33.4550, 32.5878, 46.8312



32.9240, 32.5878, 25.4557

Complementary

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



26.8437, 32.5878, 36.3277



25.6527, 22.7527, 23.1198

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.



34.7174, 32.5878, 28.9988



26.8437, 32.5878, 36.3277



35.0343, 32.5878, 41.2408

Square

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



26.8437, 32.5878, 36.3277



31.2674, 32.5878, 49.3789



35.5070, 32.5878, 34.6507



30.6819, 32.5878, 24.4736

Rectangle

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



26.8437, 32.5878, 36.3277



28.4855, 32.5878, 46.4937



35.5070, 32.5878, 34.6507



33.6028, 32.5878, 26.3636

Sweetspot

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



26.8446, 32.5891, 36.3284



57.3843, 63.0749, 69.4022



25.2656, 32.0767, 22.6297



12.7013, 14.0715, 15.5074



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.



26.8446, 32.5891, 36.3284



45.4422, 57.0337, 63.6386



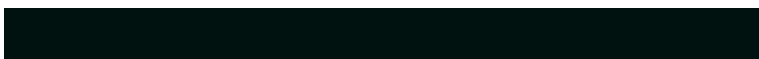
25.0524, 28.0282, 38.7415



7.2263, 7.9914, 8.8037



13.6721, 21.7552, 21.7876



0.2997, 0.4621, 0.5232

Inverse Universe

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



25.6527, 22.7527, 23.1198



42.9243, 36.2329, 35.7199



27.0668, 26.2862, 21.4171



7.1186, 7.1039, 7.6112



11.9003, 6.1162, 1.3995



0.2626, 0.1335, 0.0954

Previews

White Background



This preview shows how the XYZ color 26.8437, 32.5878, 36.3277 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 26.8437, 32.5878, 36.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

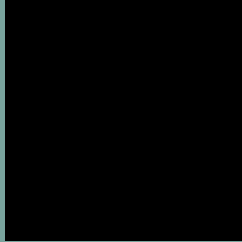
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8437, 32.5878, 36.3277

Background



This preview shows how black text looks on a background with the XYZ color 26.8437, 32.5878, 36.3277.

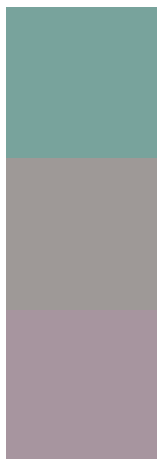


This preview shows how white text looks on a background with the XYZ color 26.8437, 32.5878,

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

26.8437, 32.5878, 36.3277

Protanopia

31.0777, 32.2859, 33.8720

Deuteranopia

32.9418, 32.2136, 37.2825



Tritanopia

28.4258, 32.4438, 44.2992

Trichromacy



Original Color

26.8437, 32.5878, 36.3277

Protanomaly

29.3083, 32.3431, 34.8351

Deuteranomaly

30.3048, 32.0639, 36.9395

Tritanomaly

27.8883, 32.4907, 41.3607

Monochromacy



Original Color

26.8437, 32.5878, 36.3277

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.7043, 30.7815, 34.1870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8437, 32.5878, 36.3277 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(120, 163, 156)` looks like.

```
.text, #text, p{  
    color:rgb(120, 163, 156)  
}
```

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(120, 163, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 163, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.8437, 32.5878, 36.3277 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(120, 163, 156) }
```


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

```
.border{ border-color:rgb(120, 163, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 163, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 163, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 163, 156); box-shadow:4px 4px 4px 4px rgb(120, 163, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8437, 32.5878, 36.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 163, 156) }
```

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

```
.background{ background-color: rgb(120,  
163, 156) }
```

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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