

Converting Colors

XYZ(27.7343, 32.3920, 36.7817)

Have a look what the booklet for
XYZ(27.7343, 32.3920, 36.7817)
contains.

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Color

**XYZ(27.7328, 32.5133,
36.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	80A19D
RGB	128, 161, 157
RGB Percent	50%, 63%, 62%
CMY	0.4980, 0.3686, 0.3843
CMYK	0.20, 0.00, 0.02, 0.37
HSL	173°, 15%, 57%
HSV	173°, 20%, 63%
XYZ	27.7328, 32.5133, 36.7123
YIQ	150.6770, -18.3840, -8.2400

Conversions

Conversions Part 2

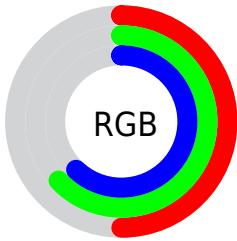
Format	Color
RYB	128, 146, 161
Decimal	8429981
CIELab	63.76, -12.18, -1.68
CIElCh	64, 12.298, 187.837
Yxy	32.5133, 0.2860, 0.3353
Android (android.graphics.Color)	4286620061 (0xFF80A19D)
YUV	150.6770, 3.1172, -19.8877
Hunter-Lab	57.0204, -12.9694, 1.7408

Details

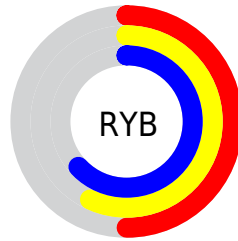
The XYZ color **27.7328, 32.5133, 36.7123** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.5832, 24.6823, 25.1943**, and the grayscale version is **29.2709, 30.7953, 33.5361**.

A 20% lighter version of the original color is **55.3698, 63.6386, 70.9932**, and **11.2120, 13.5976, 15.6693** is the 20% darker color. If you saturate the color by 10%, you get **25.3355, 31.2974, 35.7374**, and if you desaturate by 10%, it is **30.5189, 33.9310, 37.7207**.

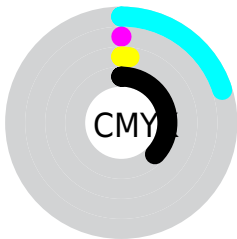
Distribution



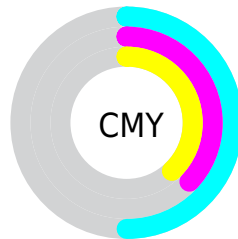
- Red (50%)
- Green (63%)
- Blue (62%)



- Red (50%)
- Yellow (57%)
- Blue (63%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)



- Cyan (50%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7328, 32.5133, 36.7123 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 27.7328, 32.5133, 36.7123 by changing the saturation by 10% instead.

■ 27.7328, 32.5133,
36.7123

■ 27.7328, 32.5133,
36.7123

283.2912,
313.4509, 347.1944

■ 18.2638, 21.7539,
24.6908

■ 55.4692, 63.6149,
71.3115

■ 11.2404, 13.6762,
15.6299

■ 74.4673, 84.7259,
94.7262

■ 6.2972, 7.8958,
9.1111

■ 97.3724, 110.0562,
122.7757

■ 3.0690, 4.0283,
4.7159

124.5499,
139.9901, 155.8786

■ 1.1904, 1.6894,
2.0258

156.3652,
174.9122, 194.4533

■ 0.0987, 0.4168,
0.5711

193.1836,

■ 0.0000, 0.0000,

215.2068, 238.9185

0.0000

235.3705,
261.2582, 289.6927

■ 27.7328, 32.5133,
36.7123

■ 27.7328, 32.5133,
36.7123

■ 25.3355, 31.2974,
35.7374

■ 30.5189, 33.9310,
37.7207

■ 23.3061, 30.2700,
34.7929

■ 33.7080, 35.5553,
38.7612

■ 21.6261, 29.4224,
33.8785

■ 37.3167, 37.3957,
39.8354

■ 20.2740, 28.7436,
32.9932

■ 41.3603, 39.4599,
40.9440

■ 19.2261, 28.2213,
32.1358

■ 45.8530, 41.7552,
42.0878

■ 18.4556, 27.8417,
31.3050

■ 50.8083, 44.2888,
43.2675

■ 17.9306, 27.5883,
30.4991

■ 56.2394, 47.0674,
44.4837

■ 17.5888, 27.4283,
29.7532

■ 61.4917, 49.7535,
45.7060

■ 61.6816, 49.8294,
46.7057

Harmonies

Analogous

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



27.9324, 32.5133, 31.9382



27.7328, 32.5133, 36.7123



28.3573, 32.5133, 41.5526

Triad

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



27.7328, 32.5133, 36.7123



32.9820, 32.5133, 43.4441



32.1709, 32.5133, 27.3143

Complementary

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



27.7328, 32.5133, 36.7123



26.5832, 24.6823, 25.1943

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.



33.5965, 32.5133, 29.8895



27.7328, 32.5133, 36.7123



34.0769, 32.5133, 39.1064

Square

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



27.7328, 32.5133, 36.7123



31.3573, 32.5133, 45.6680



34.3059, 32.5133, 34.1222



30.4529, 32.5133, 26.8019

Rectangle

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



27.7328, 32.5133, 36.7123



29.1710, 32.5133, 44.0651



34.3059, 32.5133, 34.1222



32.7020, 32.5133, 27.9550

Sweetspot

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



27.7337, 32.5146, 36.7130



57.0677, 61.9936, 68.3611



26.2206, 31.9875, 25.2149



12.4419, 13.5585, 14.9683



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.



27.7337, 32.5146, 36.7130



47.4465, 57.1009, 64.8711



26.0678, 28.6268, 37.8714



7.2390, 7.9964, 8.8701



14.0570, 21.9091, 23.8145



0.3051, 0.4642, 0.5515

Inverse Universe

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



26.5832, 24.6823, 25.1943



44.9758, 40.2749, 40.1311



27.9881, 27.9221, 24.3371



7.1071, 7.0993, 7.5504



11.8450, 6.0941, 1.1084



0.2585, 0.1319, 0.0740

Previews

White Background



This preview shows how the XYZ color 27.7328, 32.5133, 36.7123 looks on a white background.

Color Contrast Check

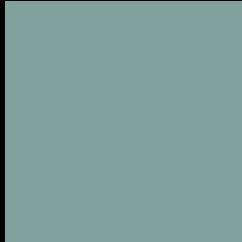
Large Text (above 18pt) WCAG AA × Fail

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 27.7328, 32.5133, 36.7123 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

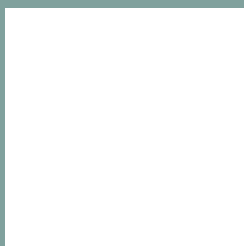
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.7328, 32.5133, 36.7123

Background



This preview shows how black text looks on a background with the XYZ color 27.7328, 32.5133, 36.7123.

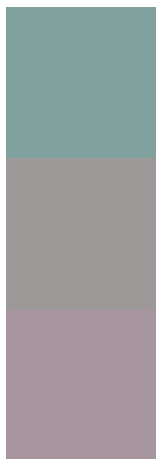


This preview shows how white text looks on a background with the XYZ color 27.7328, 32.5133,

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

27.7328, 32.5133, 36.7123

Protanopia

31.0456, 32.2505, 34.7257

Deuteranopia

32.9418, 32.2136, 37.2825



Tritanopia

29.1089, 32.5618, 43.2789

Trichromacy



Original Color

27.7328, 32.5133, 36.7123

Protanomaly

29.5753, 32.2210, 35.2323

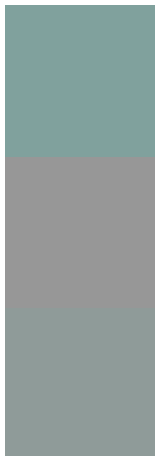
Deuteranomaly

30.6997, 32.0234, 36.9108

Tritanomaly

28.6597, 32.6406, 40.8661

Monochromacy



Original Color

27.7328, 32.5133, 36.7123

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.7988, 31.5822, 34.7151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7328, 32.5133, 36.7123 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, 161, 157)` looks like.

```
.text, #text, p{  
    color:rgb(128, 161, 157)  
}
```

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, 161, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 161, 157) }
```

Border

The CSS property to change the border of an element to XYZ 27.7328, 32.5133, 36.7123 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, 161, 157) }
```


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

```
.border{ border-color:rgb(128, 161, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 161, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 161, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 161, 157);  
box-shadow:4px 4px 4px 4px rgb(128, 161,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7328, 32.5133, 36.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 161, 157) }
```

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

```
.background{ background-color: rgb(128,  
161, 157) }
```

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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