

Converting Colors

XYZ(30.3845, 32.1835, 35.8449)

Have a look what the booklet for
XYZ(30.3845, 32.1835, 35.8449)
contains.

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Color

**XYZ(30.3188, 32.0908,
36.0487)**

Conversions

Conversions Part 1

Format	Color
Hex	979A9C
RGB	151, 154, 156
RGB Percent	59%, 60%, 61%
CMY	0.4078, 0.3961, 0.3882
CMYK	0.03, 0.01, 0.00, 0.39
HSL	204°, 2%, 60%
HSV	204°, 3%, 61%
XYZ	30.3188, 32.0908, 36.0487
YIQ	153.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

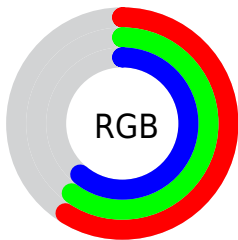
Format	Color
RYB	151, 153, 156
Decimal	9935516
CIELab	63.42, -0.68, -1.43
CIELCh	63, 1.587, 244.450
Yxy	32.0908, 0.3079, 0.3259
Android (android.graphics.Color)	4288125596 (0xFF979A9C)
YUV	153.3310, 1.3158, -2.0443
Hunter-Lab	56.6487, -3.6009, 1.9246

Details

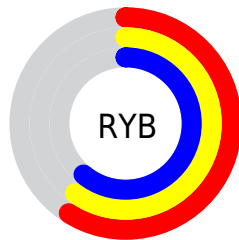
The XYZ color **30.3188, 32.0908, 36.0487** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6874, 32.0843, 33.8540**, and the grayscale version is **30.4184, 32.0025, 34.8508**.

A 20% lighter version of the original color is **59.3656, 62.7440, 69.9547**, and **12.6556, 13.4297, 15.2898** is the 20% darker color. If you saturate the color by 10%, you get **26.6113, 28.6930, 35.5887**, and if you desaturate by 10%, it is **34.4646, 35.7957, 36.5458**.

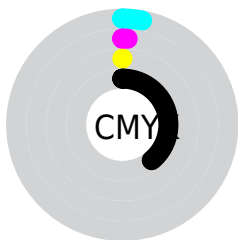
Distribution



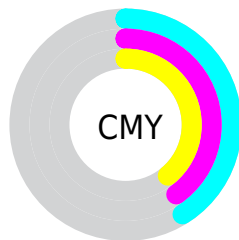
- Red (59%)
- Green (60%)
- Blue (61%)



- Red (59%)
- Yellow (60%)
- Blue (61%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (41%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3188, 32.0908, 36.0487 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 30.3188, 32.0908, 36.0487 by changing the saturation by 10% instead.

■ 30.3188, 32.0908,
36.0487

■ 30.3188, 32.0908,
36.0487

295.2709,
311.5327, 344.2172

■ 20.2300, 21.4309,
24.1818

■ 59.5492, 62.9534,
70.2771

■ 12.6716, 13.4393,
15.2551

■ 79.4214, 83.9249,
93.4757

■ 7.2782, 7.7317,
8.8500

103.2854,
109.1023, 121.2887

■ 3.6846, 3.9238,
4.5480

131.5067,
138.8701, 154.1345

■ 1.5253, 1.6310,
1.9305

164.4505,
173.6126, 192.4317

■ 0.3429, 0.3784,
0.5121

202.4823,

■ 0.0000, 0.0000,

213.7143, 236.5989

0.0000

245.9673,
259.5595, 287.0545

■ 30.3188, 32.0908,
36.0487

■ 30.3188, 32.0908,
36.0487

■ 26.6113, 28.6930,
35.5887

■ 34.4646, 35.7957,
36.5458

■ 23.3238, 25.5888,
35.1629

■ 39.0610, 39.8124,
37.0788

■ 20.4403, 22.7698,
34.7707

■ 44.1229, 44.1506,
37.6494

■ 17.9429, 20.2255,
34.4112

■ 49.6640, 48.8186,
38.2584

■ 15.8124, 17.9446,
34.0833

■ 55.6971, 53.8240,
38.9065

■ 14.0276, 15.9150,
33.7856

■ 62.2347, 59.1744,
39.5947

■ 12.5649, 14.1231,
33.5168

■ 67.3491, 63.8769,
40.2328

■ 11.3976, 12.5538,
33.2754

■ 68.7994, 66.7775,
40.7162

■ 10.4939, 11.1892,
33.0597

■ 70.3090, 69.7966,
41.2194

Harmonies

Analogous

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



30.1530, 32.0908, 35.6330



30.3188, 32.0908, 36.0487



30.5343, 32.0908, 36.1664

Triad

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



30.3188, 32.0908, 36.0487



30.9261, 32.0908, 34.8473



30.2621, 32.0908, 33.9494

Complementary

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



30.3188, 32.0908, 36.0487



30.6874, 32.0843, 33.8540

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.



30.4685, 32.0908, 33.7445



30.3188, 32.0908, 36.0487



30.8524, 32.0908, 34.2589

Square

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



30.3188, 32.0908, 36.0487



30.8856, 32.0908, 35.4679



30.6846, 32.0908, 33.8571



30.1203, 32.0908, 34.4202

Rectangle

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



30.3188, 32.0908, 36.0487



30.6772, 32.0908, 36.0588



30.6846, 32.0908, 33.8571



30.3262, 32.0908, 33.8474

Sweetspot

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



30.3197, 32.0922, 36.0494



56.6451, 59.7100, 65.6664



30.3943, 32.6539, 34.8022



12.4743, 13.1477, 14.4507



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.3197, 32.0922, 36.0494



54.4486, 57.7263, 65.3993



29.9244, 31.3014, 35.9176



7.0094, 7.4390, 8.4731



8.2513, 8.5942, 27.1312



0.1881, 0.2348, 0.4986

Inverse Universe

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



30.6103, 31.5347, 35.0470



55.1178, 56.4499, 63.0893



31.0875, 32.8844, 33.9873



7.1076, 7.2523, 8.1339



12.9631, 6.4898, 9.3225



0.2523, 0.1242, 0.2745

Previews

White Background



This preview shows how the XYZ color 30.3188, 32.0908, 36.0487 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 30.3188, 32.0908, 36.0487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

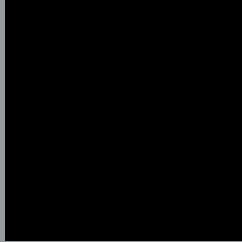
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

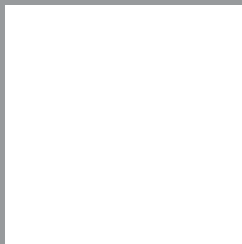
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3188, 32.0908, 36.0487

Background



This preview shows how black text looks on a background with the XYZ color 30.3188, 32.0908, 36.0487.



This preview shows how white text looks on a background with the XYZ color 30.3188, 32.0908,

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

30.3188, 32.0908, 36.0487

Protanopia

31.0179, 32.2169, 35.5940

Deuteranopia

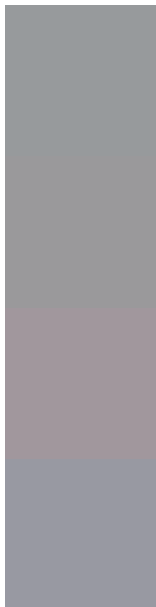
32.7696, 32.1447, 36.3757



Tritanopia

31.1317, 32.1745, 40.1668

Trichromacy



Original Color

30.3188, 32.0908, 36.0487

Protanomaly

30.6341, 32.0190, 35.5761

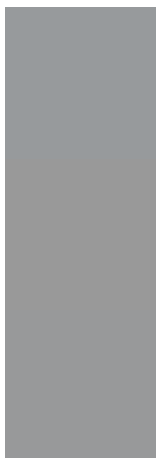
Deuteranomaly

31.8504, 32.1446, 36.4241

Tritanomaly

30.8617, 32.0665, 38.7453

Monochromacy



Original Color

30.3188, 32.0908, 36.0487

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.1729, 31.7910, 35.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3188, 32.0908, 36.0487 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(151, 154, 156)` looks like.

```
.text, #text, p{  
    color:rgb(151, 154, 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(151, 154, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 154, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.3188, 32.0908, 36.0487 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(151, 154, 156) }
```


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

```
.border{ border-color:rgb(151, 154, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 154, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 154, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 154, 156);  
box-shadow:4px 4px 4px 4px rgb(151, 154,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3188, 32.0908, 36.0487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 154, 156) }
```

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

```
.background{ background-color: rgb(151,  
154, 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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