

Converting Colors

XYZ(30.2695, 32.4450, 36.7104)

Have a look what the booklet for
XYZ(30.2695, 32.4450, 36.7104)
contains.

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Color

**XYZ(30.3687, 32.6008,
36.5903)**

Conversions

Conversions Part 1

Format	Color
Hex	959C9D
RGB	149, 156, 157
RGB Percent	58%, 61%, 62%
CMY	0.4157, 0.3882, 0.3843
CMYK	0.05, 0.01, 0.00, 0.38
HSL	187°, 4%, 60%
HSV	187°, 5%, 62%
XYZ	30.3687, 32.6008, 36.5903
YIQ	154.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

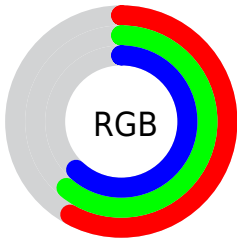
Format	Color
RYB	149, 153, 157
Decimal	9804957
CIELab	63.84, -2.30, -1.40
CIELCh	64, 2.693, 211.306
Yxy	32.6008, 0.3050, 0.3274
Android (android.graphics.Color)	4287995037 (0xFF959C9D)
YUV	154.0210, 1.4686, -4.4034
Hunter-Lab	57.0971, -4.9797, 1.9724

Details

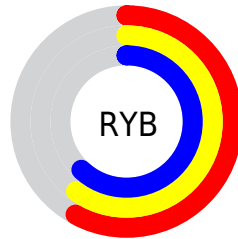
The XYZ color **30.3687, 32.6008, 36.5903** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.2359, 31.1505, 32.8533**, and the grayscale version is **30.7203, 32.3202, 35.1966**.

A 20% lighter version of the original color is **59.5589, 63.5432, 71.4133**, and **12.6901, 13.7404, 15.6190** is the 20% darker color. If you saturate the color by 10%, you get **27.3696, 30.5718, 36.3572**, and if you desaturate by 10%, it is **33.7612, 34.8423, 36.8446**.

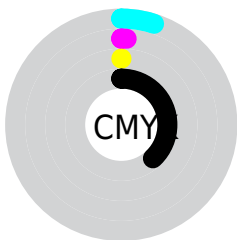
Distribution



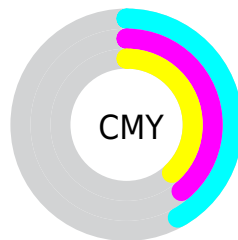
- Red (58%)
- Green (61%)
- Blue (62%)



- Red (58%)
- Yellow (60%)
- Blue (62%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (42%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3687, 32.6008, 36.5903 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 30.3687, 32.6008, 36.5903 by changing the saturation by 10% instead.

■ 30.3687, 32.6008,
36.5903

■ 30.3687, 32.6008,
36.5903

295.4984,
313.8471, 346.6485

■ 20.2681, 21.8208,
24.5971

■ 59.6274, 63.7518,
71.1215

■ 12.6995, 13.7253,
15.5609

■ 79.5162, 84.8915,
94.4966

■ 7.2975, 7.9299,
9.0630

103.3984,
110.2534, 122.5028

■ 3.6968, 4.0501,
4.6849

131.6394,
140.2216, 155.5585

■ 1.5321, 1.7016,
2.0081

164.6045,
175.1808, 194.0824

■ 0.3475, 0.4247,
0.5603

202.6592,

■ 0.0000, 0.0000,

215.5151, 238.4930

0.0000

246.1687,
261.6091, 289.2089

■ 30.3687, 32.6008,
36.5903

■ 30.3687, 32.6008,
36.5903

■ 27.3696, 30.5718,
36.3572

■ 33.7612, 34.8423,
36.8446

■ 24.7456, 28.7431,
36.1426

■ 37.5587, 37.2995,
37.1188

■ 22.4813, 27.1076,
35.9462

■ 41.7760, 39.9811,
37.4141

■ 20.5592, 25.6563,
35.7674

■ 46.4261, 42.8938,
37.7312

■ 18.9600, 24.3792,
35.6052

■ 51.5215, 46.0440,
38.0707

■ 17.6628, 23.2654,
35.4586

■ 57.0744, 49.4381,
38.4332

■ 16.6440, 22.3028,
35.3265

■ 61.6460, 52.3345,
38.7513

■ 15.8765, 21.4774,
35.2076

■ 62.0149, 53.0724,
38.8743

■ 15.3259, 20.7713,
35.1003

■ 62.3893, 53.8212,
38.9991

Harmonies

Analogous

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



30.2645, 32.6008, 35.5442



30.3687, 32.6008, 36.5903



30.6381, 32.6008, 37.3558

Triad

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



30.3687, 32.6008, 36.5903



31.6286, 32.6008, 36.5064



30.9695, 32.6008, 33.4544

Complementary

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



30.3687, 32.6008, 36.5903



30.2359, 31.1505, 32.8533

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.



31.3367, 32.6008, 33.7004



30.3687, 32.6008, 36.5903



31.7190, 32.6008, 35.4493

Square

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



30.3687, 32.6008, 36.5903



31.3656, 32.6008, 37.3067



31.6118, 32.6008, 34.4252



30.6096, 32.6008, 33.7463

Rectangle

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



30.3687, 32.6008, 36.5903



30.8763, 32.6008, 37.5962



31.6118, 32.6008, 34.4252



31.0962, 32.6008, 33.4769

Sweetspot

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



30.3696, 32.6022, 36.5910



56.1693, 59.5722, 65.6649



29.9516, 32.7039, 33.5604



12.3758, 13.1192, 14.4504



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.



30.3696, 32.6022, 36.5910



53.8084, 57.9985, 65.4856



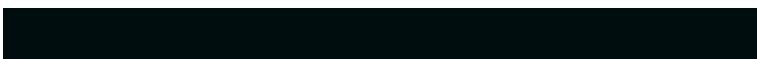
29.7198, 31.3026, 36.3744



6.9501, 7.5020, 8.4884



12.2755, 16.6426, 28.4726



0.2374, 0.3333, 0.5151

Inverse Universe

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



30.6536, 31.0639, 35.8344



54.4157, 54.7181, 63.8653



30.8746, 32.4278, 33.0662



7.0333, 7.0529, 8.2662



14.9943, 7.3023, 20.0189



0.2771, 0.1342, 0.4055

Previews

White Background



This preview shows how the XYZ color 30.3687, 32.6008, 36.5903 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 30.3687, 32.6008, 36.5903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

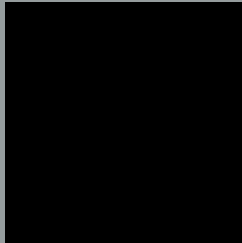
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3687, 32.6008, 36.5903

Background



This preview shows how black text looks on a background with the XYZ color 30.3687, 32.6008, 36.5903.



This preview shows how white text looks on a background with the XYZ color 30.3687, 32.6008,

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

30.3687, 32.6008, 36.5903

Protanopia

31.4610, 32.6796, 36.1021

Deuteranopia

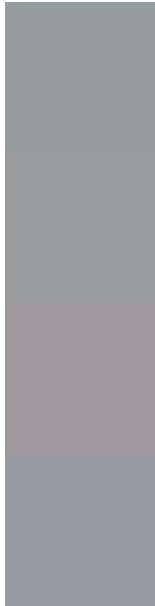
33.2264, 32.6061, 36.8901



Tritanopia

31.2932, 32.4805, 41.1793

Trichromacy



Original Color

30.3687, 32.6008, 36.5903

Protanomaly

31.0485, 32.7130, 36.1303

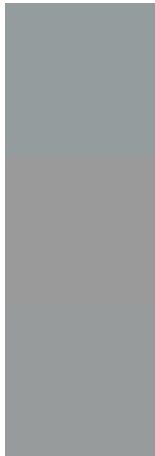
Deuteranomaly

32.0977, 32.5022, 36.9296

Tritanomaly

30.9099, 32.5711, 39.3080

Monochromacy



Original Color

30.3687, 32.6008, 36.5903

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5866, 32.4846, 35.6684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3687, 32.6008, 36.5903 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(149, 156, 157) looks like.

```
.text, #text, p{  
    color:rgb(149, 156, 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(149, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 156, 157) }
```

Border

The CSS property to change the border of an element to XYZ 30.3687, 32.6008, 36.5903 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(149, 156, 157) }
```


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

```
.border{ border-color:rgb(149, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(149, 156,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3687, 32.6008, 36.5903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 156, 157) }
```

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

```
.background{ background-color: rgb(149,  
156, 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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