

Converting Colors

XYZ(30.3754, 32.2969, 35.8861)

Have a look what the booklet for
XYZ(30.3754, 32.2969, 35.8861)
contains.

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Color

**XYZ(30.4846, 32.4223,
36.1039)**

Conversions

Conversions Part 1

Format	Color
Hex	979B9C
RGB	151, 155, 156
RGB Percent	59%, 61%, 61%
CMY	0.4078, 0.3921, 0.3882
CMYK	0.03, 0.01, 0.00, 0.39
HSL	192°, 2%, 60%
HSV	192°, 3%, 61%
XYZ	30.4846, 32.4223, 36.1039
YIQ	153.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

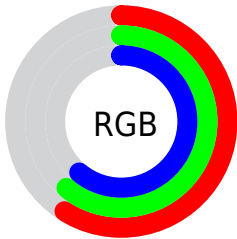
Format	Color
R _{YB}	151, 153, 156
Decimal	9935772
CIE Lab	63.69, -1.24, -1.03
CIE LCh	64, 1.611, 219.832
Yxy	32.4223, 0.3079, 0.3275
Android (android.graphics.Color)	4288125852 (0xFF979B9C)
YUV	153.9180, 1.0264, -2.5591
Hunter-Lab	56.9406, -4.0815, 2.2648

Details

The XYZ color **30.4846, 32.4223, 36.1039** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5245, 31.7584, 33.7998**, and the grayscale version is **30.6765, 32.2740, 35.1464**.

A 20% lighter version of the original color is **59.6102, 63.2332, 70.0362**, and **12.7556, 13.6299, 15.3231** is the 20% darker color. If you saturate the color by 10%, you get **27.2679, 30.0059, 35.8075**, and if you desaturate by 10%, it is **34.0997, 35.0657, 36.4241**.

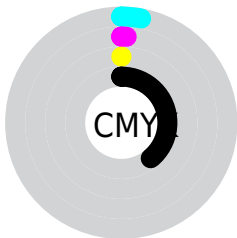
Distribution



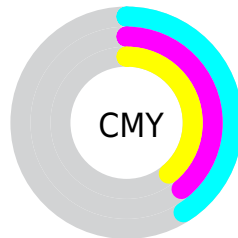
- Red (59%)
- Green (61%)
- Blue (61%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4846, 32.4223, 36.1039 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 30.4846, 32.4223, 36.1039 by changing the saturation by 10% instead.

■ 30.4846, 32.4223,
36.1039

■ 30.4846, 32.4223,
36.1039

296.0263,
313.0385, 344.4656

■ 20.3566, 21.6843,
24.2241

■ 59.8091, 63.4725,
70.3633

■ 12.7643, 13.6251,
15.2862

■ 79.7363, 84.5535,
93.5799

■ 7.3423, 7.8604,
8.8717

103.6606,
109.8510, 121.4126

■ 3.7253, 4.0057,
4.5619

131.9474,
139.7492, 154.2799

■ 1.5479, 1.6768,
1.9384

164.9620,
174.6327, 192.6003

■ 0.3581, 0.4085,
0.5170

203.0697,

■ 0.0000, 0.0000,

214.8858, 236.7923

0.0000

246.6361,
260.8929, 287.2746

■ 30.4846, 32.4223,
36.1039

■ 30.4846, 32.4223,
36.1039

■ 27.2679, 30.0059,
35.8075

■ 34.0997, 35.0657,
36.4241

■ 24.4316, 27.8045,
35.5321

■ 38.1245, 37.9393,
36.7666

■ 21.9609, 25.8110,
35.2775

■ 42.5736, 41.0518,
37.1329

■ 19.8384, 24.0163,
35.0430

■ 47.4596, 44.4097,
37.5235

■ 18.0456, 22.4109,
34.8276

■ 52.7951, 48.0198,
37.9391

■ 16.5621, 20.9840,
34.6304

■ 58.5917, 51.8881,
38.3803

■ 15.3652, 19.7238,
34.4502

■ 62.9210, 55.0206,
38.7567

■ 14.4290, 18.6167,
34.2859

■ 63.5418, 56.2622,
38.9636

■ 13.7225, 17.6466,
34.1358

■ 64.1766, 57.5319,
39.1753

Harmonies

Analogous

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



30.3911, 32.4223, 35.5149



30.4846, 32.4223, 36.1039



30.6671, 32.4223, 36.4811

Triad

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



30.4846, 32.4223, 36.1039



31.2253, 32.4223, 35.7323



30.7424, 32.4223, 34.0927

Complementary

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



30.4846, 32.4223, 36.1039



30.5245, 31.7584, 33.7998

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.



30.9662, 32.4223, 34.1493



30.4846, 32.4223, 36.1039



31.2457, 32.4223, 35.0907

Square

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



30.4846, 32.4223, 36.1039



31.0950, 32.4223, 36.2647



31.1506, 32.4223, 34.5128



30.5395, 32.4223, 34.3572

Rectangle

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



30.4846, 32.4223, 36.1039



30.8152, 32.4223, 36.5590



31.1506, 32.4223, 34.5128



30.8177, 32.4223, 34.0749

Sweetspot

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



30.4855, 32.4237, 36.1046



56.7416, 59.9031, 65.6986



30.3121, 32.6210, 34.3694



12.4943, 13.1877, 14.4573



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.



30.4855, 32.4237, 36.1046



54.8304, 58.4899, 65.5265



30.0869, 31.6264, 35.9717



7.0654, 7.5511, 8.4918



10.9956, 14.0827, 28.0459



0.2229, 0.3043, 0.5102

Inverse Universe

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



30.6940, 31.5683, 35.4875



55.3105, 56.5270, 64.1041



30.9212, 32.5518, 33.9321



7.1359, 7.2636, 8.2829



14.3483, 7.0439, 16.6168



0.2698, 0.1313, 0.3669

Previews

White Background



This preview shows how the XYZ color 30.4846, 32.4223, 36.1039 looks on a white background.

Color Contrast Check

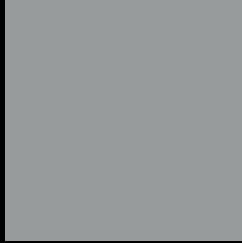
Large Text (above 18pt) WCAG AA × Fail

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 30.4846, 32.4223, 36.1039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

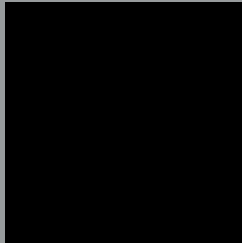
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

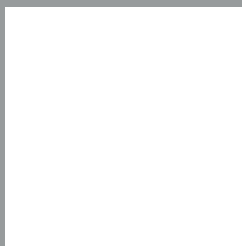
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4846, 32.4223, 36.1039

Background



This preview shows how black text looks on a background with the XYZ color 30.4846, 32.4223, 36.1039.



This preview shows how white text looks on a background with the XYZ color 30.4846, 32.4223,

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

30.4846, 32.4223, 36.1039

Protanopia

31.2123, 32.3171, 35.6031

Deuteranopia

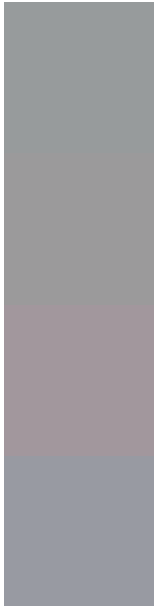
32.9817, 32.2540, 36.3856



Tritanopia

31.5754, 32.6367, 40.7117

Trichromacy



Original Color

30.4846, 32.4223, 36.1039

Protanomaly

30.9896, 32.4463, 35.6398

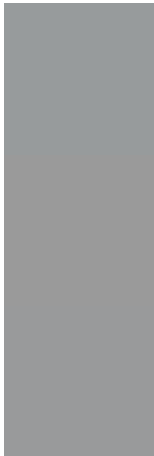
Deuteranomaly

32.0527, 32.2489, 36.4336

Tritanomaly

31.0261, 32.3952, 38.8001

Monochromacy



Original Color

30.4846, 32.4223, 36.1039

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.6089, 32.2501, 35.6220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4846, 32.4223, 36.1039 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, 155, 156)` looks like.

```
.text, #text, p{  
    color:rgb(151, 155, 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, 155, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 155, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.4846, 32.4223, 36.1039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

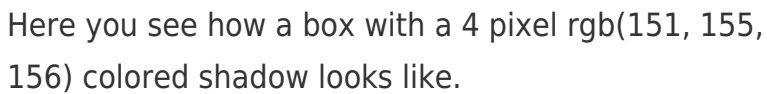
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 155, 156) }
```


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

```
.border{ border-color:rgb(151, 155, 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, 155, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 155, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 155, 156);  
box-shadow:4px 4px 4px 4px rgb(151, 155,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4846, 32.4223, 36.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 155, 156) }
```

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

```
.background{ background-color: rgb(151,  
155, 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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