

Converting Colors

XYZ(30.5928, 33.6460, 32.3639)

Have a look what the booklet for
XYZ(30.5928, 33.6460, 32.3639)
contains.

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Color

**XYZ(30.6135, 33.5783,
32.4715)**

Conversions

Conversions Part 1

Format	Color
Hex	989F93
RGB	152, 159, 147
RGB Percent	60%, 62%, 58%
CMY	0.4039, 0.3765, 0.4235
CMYK	0.04, 0.00, 0.08, 0.38
HSL	95°, 6%, 60%
HSV	95°, 8%, 62%
XYZ	30.6135, 33.5783, 32.4715
YIQ	155.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

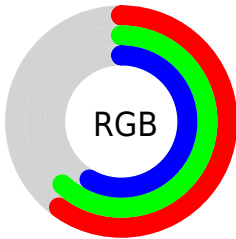
Format	Color
RYB	147, 159, 154
Decimal	10002323
CIELab	64.63, -4.79, 5.39
CIELCh	65, 7.211, 131.633
Yxy	33.5783, 0.3167, 0.3474
Android (android.graphics.Color)	4288192403 (0xFF989F93)
YUV	155.5390, -4.2097, -3.1037
Hunter-Lab	57.9468, -7.1047, 7.3386

Details

The XYZ color **30.6135, 33.5783, 32.4715** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0195, 30.2416, 37.0577**, and the grayscale version is **31.4137, 33.0497, 35.9911**.

A 20% lighter version of the original color is **60.0428, 65.4320, 64.7234**, and **12.8407, 14.3364, 13.1567** is the 20% darker color. If you saturate the color by 10%, you get **27.7823, 32.2541, 26.2699**, and if you desaturate by 10%, it is **33.7549, 35.0445, 39.5893**.

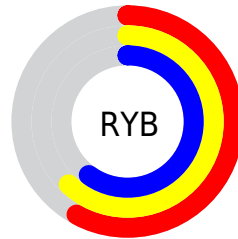
Distribution



Red (60%)

Green (62%)

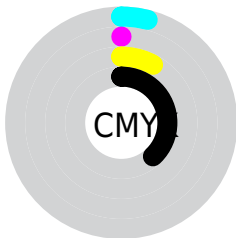
Blue (58%)



Red (58%)

Yellow (62%)

Blue (60%)

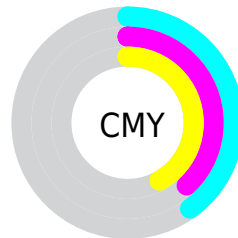


Cyan (4%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (40%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6135, 33.5783, 32.4715 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 30.6135, 33.5783, 32.4715 by changing the saturation by 10% instead.

■ 30.6135, 33.5783,
32.4715

■ 30.6135, 33.5783,
32.4715

296.6125,
318.2476, 327.8202

■ 20.4551, 22.5698,
21.4541

■ 60.0110, 65.2774,
64.6560

■ 12.8365, 14.2762,
13.2619

■ 79.9809, 86.7367,
86.6602

■ 7.3923, 8.3130,
7.4763

103.9519,
112.4485, 113.1637

■ 3.7571, 4.2959,
3.6788

132.2895,
142.7971, 144.5851

■ 1.5657, 1.8404,
1.4508

165.3590,
178.1669, 181.3429

■ 0.3699, 0.5122,
0.1809

203.5258,

■ 0.0000, 0.0000,

218.9424, 223.8556

0.0000

247.1552,
265.5078, 272.5419

■ 30.6135, 33.5783,
32.4715

■ 30.6135, 33.5783,
32.4715

■ 27.7823, 32.2541,
26.2699

■ 33.7549, 35.0445,
39.5893

■ 25.2484, 31.0630,
20.9452

■ 37.2134, 36.6524,
47.6562

■ 23.0020, 30.0019,
16.4583

■ 40.9989, 38.4075,
56.7060

■ 21.0317, 29.0659,
12.7665

■ 45.1204, 40.3137,
66.7705

■ 19.3252, 28.2495,
9.8232

■ 49.5863, 42.3747,
77.8797

■ 17.8691, 27.5471,
7.5770

■ 54.4046, 44.5940,
90.0626

■ 16.6488, 26.9523,
5.9699

■ 59.0467, 46.7604,
100.5213

■ 15.6474, 26.4580,
4.9346

■ 61.8814, 48.2218,
100.6540

■ 14.8395, 26.0534,
4.3586

■ 64.8737, 49.7643,
100.7940

Harmonies

Analogous

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



31.5163, 33.5783, 31.2669



30.6135, 33.5783, 32.4715



30.0667, 33.5783, 34.7975

Triad

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



30.6135, 33.5783, 32.4715



31.2933, 33.5783, 42.2307



33.9007, 33.5783, 35.4258

Complementary

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



30.6135, 33.5783, 32.4715



30.0195, 30.2416, 37.0577

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.



33.8379, 33.5783, 38.3832



30.6135, 33.5783, 32.4715



32.3174, 33.5783, 42.4214

Square

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



30.6135, 33.5783, 32.4715



30.4533, 33.5783, 40.4725



33.2532, 33.5783, 40.9803



33.4231, 33.5783, 32.9101

Rectangle

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



30.6135, 33.5783, 32.4715



29.9703, 33.5783, 36.7234



33.2532, 33.5783, 40.9803



33.9424, 33.5783, 36.3992

Sweetspot

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



30.6144, 33.5797, 32.4722



57.8545, 61.5492, 64.9685



31.1215, 32.5901, 32.2545



13.0584, 13.8833, 14.6815



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.



30.6144, 33.5797, 32.4722



53.9648, 59.7331, 56.2400



29.7771, 33.1390, 32.8446



6.7994, 7.5293, 7.0806



11.6248, 20.5295, 3.3499



0.2549, 0.3913, 0.0621

Inverse Universe

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



30.0195, 30.2416, 37.0577



52.6842, 52.5483, 66.1095



30.9046, 30.7079, 36.6478



6.6368, 6.6168, 8.3340



8.5382, 3.8306, 26.1966



0.2001, 0.0930, 0.4706

Previews

White Background



This preview shows how the XYZ color 30.6135, 33.5783, 32.4715 looks on a white background.

Color Contrast Check

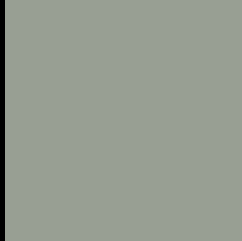
Large Text (above 18pt) WCAG AA × Fail

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 30.6135, 33.5783, 32.4715 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

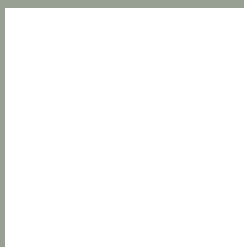
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6135, 33.5783, 32.4715

Background



This preview shows how black text looks on a background with the XYZ color 30.6135, 33.5783, 32.4715.



This preview shows how white text looks on a background with the XYZ color 30.6135, 33.5783,

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

30.6135, 33.5783, 32.4715

Protanopia

31.8996, 33.5026, 31.5734

Deuteranopia

34.1706, 33.4171, 33.0829



Tritanopia

32.4739, 33.5726, 41.8144

Trichromacy



Original Color

30.6135, 33.5783, 32.4715

Protanomaly

31.3458, 33.4584, 32.0001

Deuteranomaly

32.8372, 33.4648, 32.7456

Tritanomaly

31.7286, 33.5220, 38.0558

Monochromacy



Original Color

30.6135, 33.5783, 32.4715

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.3243, 33.3824, 34.9295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6135, 33.5783, 32.4715 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(152, 159, 147)` looks like.

```
.text, #text, p{  
    color:rgb(152, 159, 147)  
}
```

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(152, 159, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 159, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.6135, 33.5783, 32.4715 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(152, 159, 147) }
```


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

```
.border{ border-color:rgb(152, 159, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 159, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 159, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 159, 147);  
box-shadow:4px 4px 4px 4px rgb(152, 159,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6135, 33.5783, 32.4715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 159, 147) }
```

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

```
.background{ background-color: rgb(152,  
159, 147) }
```

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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