

Converting Colors

XYZ(30.7647, 30.5670, 35.8143)

Have a look what the booklet for
XYZ(30.7647, 30.5670, 35.8143)
contains.

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Color

**XYZ(30.7325, 30.6387,
35.7466)**

Conversions

Conversions Part 1

Format	Color
Hex	9F939C
RGB	159, 147, 156
RGB Percent	62%, 58%, 61%
CMY	0.3765, 0.4235, 0.3882
CMYK	0.00, 0.08, 0.02, 0.38
HSL	315°, 6%, 60%
HSV	315°, 8%, 62%
XYZ	30.7325, 30.6387, 35.7466
YIQ	151.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

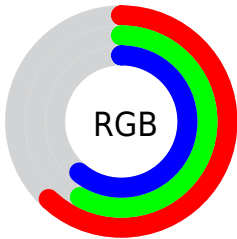
Format	Color
R _Y B	159, 147, 156
Decimal	10458012
CIE Lab	62.20, 6.11, -3.14
CIE LCh	62, 6.866, 332.777
Yxy	30.6387, 0.3164, 0.3155
Android (android.graphics.Color)	4288648092 (0xFF9F939C)
YUV	151.6140, 2.1623, 6.4775
Hunter-Lab	55.3522, 2.2398, 0.4569

Details

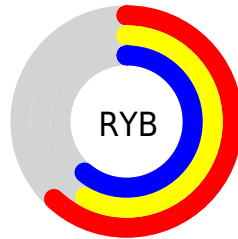
The XYZ color **30.7325, 30.6387, 35.7466** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9369, 33.2020, 33.6864**, and the grayscale version is **29.6692, 31.2143, 33.9924**.

A 20% lighter version of the original color is **60.2511, 60.7226, 69.5178**, and **12.9170, 12.5738, 15.1108** is the 20% darker color. If you saturate the color by 10%, you get **28.0981, 25.8994, 33.2349**, and if you desaturate by 10%, it is **33.7215, 36.0686, 38.4316**.

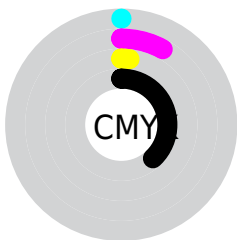
Distribution



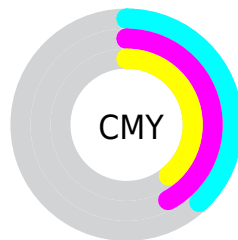
- Red (62%)
- Green (58%)
- Blue (61%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7325, 30.6387, 35.7466 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 30.7325, 30.6387, 35.7466 by changing the saturation by 10% instead.

■ 30.7325, 30.6387,
35.7466

■ 30.7325, 30.6387,
35.7466

297.1530,
304.8703, 342.8555

■ 20.5461, 20.3239,
23.9504

■ 60.1974, 60.6708,
69.8054

■ 12.9032, 12.6307,
15.0850

■ 80.2065, 81.1569,
92.9051

■ 7.4384, 7.1747,
8.7318

104.2207,
105.8021, 120.6097

■ 3.7865, 3.5716,
4.4722

132.6051,
134.9910, 153.3378

■ 1.5821, 1.4369,
1.8878

165.7252,
169.1078, 191.5079

■ 0.3807, 0.2437,
0.4850

203.9463,

■ 0.0000, 0.0000,

208.5371, 235.5385

0.0000

247.6338,
253.6631, 285.8482

■ 30.7325, 30.6387,
35.7466

■ 30.7325, 30.6387,
35.7466

■ 28.0981, 25.8994,
33.2349

■ 33.7215, 36.0686,
38.4316

■ 25.8015, 21.8187,
30.8893

■ 37.0756, 42.2114,
41.2928

■ 23.8286, 18.3683,
28.7050

■ 40.8082, 49.0932,
44.3355

■ 22.1634, 15.5159,
26.6760

■ 44.9313, 56.7380,
47.5643

■ 20.7882, 13.2266,
24.7960

■ 49.4564, 65.1682,
50.9834

■ 19.6836, 11.4617,
23.0579

■ 54.3942, 74.4056,
54.5969

■ 18.8278, 10.1779,
21.4539

■ 58.6920, 82.3445,
58.0544

■ 18.1955, 9.3246,
19.9751

■ 59.1143, 82.5134,
60.2778

■ 17.7442, 8.8172,
18.6066

■ 59.5483, 82.6870,
62.5634

Harmonies

Analogous

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



30.0953, 30.6387, 37.8317



30.7325, 30.6387, 35.7466



30.9351, 30.6387, 33.1140

Triad

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



30.7325, 30.6387, 35.7466



29.0350, 30.6387, 28.5242



27.6504, 30.6387, 36.1963

Complementary

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



30.7325, 30.6387, 35.7466



29.9369, 33.2020, 33.6864

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.



27.3796, 30.6387, 33.6079



30.7325, 30.6387, 35.7466



28.1683, 30.6387, 29.2560

Square

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



30.7325, 30.6387, 35.7466



29.9429, 30.6387, 29.0303



27.5672, 30.6387, 31.0827



28.3146, 30.6387, 38.1008

Rectangle

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



30.7325, 30.6387, 35.7466



30.7930, 30.6387, 31.4258



27.5672, 30.6387, 31.0827



27.5109, 30.6387, 35.3726

Sweetspot

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



30.7334, 30.6400, 35.7473



57.9075, 60.0714, 66.6283



29.2707, 29.8563, 37.0212



13.0697, 13.5693, 15.0342



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.



30.7334, 30.6400, 35.7473



54.2304, 53.4099, 63.2672



30.2378, 30.4418, 33.1377



6.8332, 6.7262, 7.9729



13.9520, 6.8854, 14.5300



0.2651, 0.1294, 0.3422

Inverse Universe

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



30.7334, 30.6400, 35.7473



54.2304, 53.4099, 63.2672



30.4325, 33.4002, 36.2961



6.8332, 6.7262, 7.9729



13.9520, 6.8854, 14.5300



0.2651, 0.1294, 0.3422

Previews

White Background



This preview shows how the XYZ color 30.7325, 30.6387, 35.7466 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 30.7325, 30.6387, 35.7466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

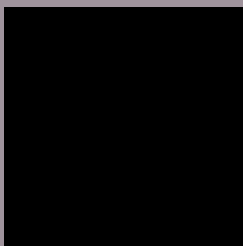
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

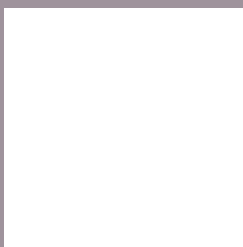
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7325, 30.6387, 35.7466

Background



This preview shows how black text looks on a background with the XYZ color 30.7325, 30.6387, 35.7466.



This preview shows how white text looks on a background with the XYZ color 30.7325, 30.6387,

35.7466.

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

30.7325, 30.6387, 35.7466

Protanopia

29.7546, 30.8263, 36.2801

Deuteranopia

31.1799, 30.6395, 35.7231



Tritanopia

30.9033, 30.7070, 36.6460

Trichromacy



Original Color

30.7325, 30.6387, 35.7466

Protanomaly

30.1597, 30.7992, 36.2536

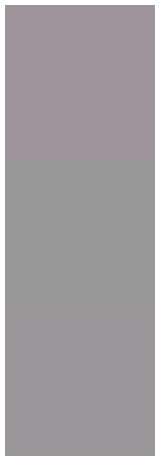
Deuteranomaly

30.9776, 30.5351, 35.7137

Tritanomaly

30.8176, 30.6727, 36.1944

Monochromacy



Original Color

30.7325, 30.6387, 35.7466

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.1737, 31.0812, 34.5459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7325, 30.6387, 35.7466 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(159, 147, 156)` looks like.

```
.text, #text, p{  
    color:rgb(159, 147, 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(159, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 147, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.7325, 30.6387, 35.7466 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(159, 147, 156) }
```


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

```
.border{ border-color:rgb(159, 147, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(159, 147,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7325, 30.6387, 35.7466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 147, 156) }
```

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

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