

Converting Colors

XYZ(30.7106, 30.6053, 35.4232)

Have a look what the booklet for
XYZ(30.7106, 30.6053, 35.4232)
contains.

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Color

**XYZ(30.6482, 30.6049,
35.3024)**

Conversions

Conversions Part 1

Format	Color
Hex	9F939B
RGB	159, 147, 155
RGB Percent	62%, 58%, 61%
CMY	0.3765, 0.4235, 0.3922
CMYK	0.00, 0.08, 0.03, 0.38
HSL	320°, 6%, 60%
HSV	320°, 8%, 62%
XYZ	30.6482, 30.6049, 35.3024
YIQ	151.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

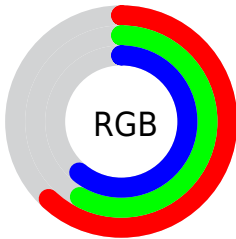
Format	Color
R_{YB}	159, 147, 155
Decimal	10458011
CIE Lab	62.17, 5.92, -2.62
CIE LCh	62, 6.469, 336.138
Yxy	30.6049, 0.3174, 0.3170
Android (android.graphics.Color)	4288648091 (0xFF9F939B)
YUV	151.5000, 1.7255, 6.5775
Hunter-Lab	55.3217, 2.0760, 0.8905

Details

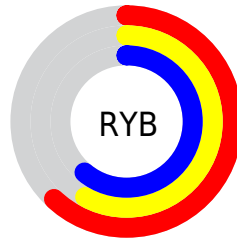
The XYZ color **30.6482, 30.6049, 35.3024** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0178, 33.2345, 34.1125**, and the grayscale version is **29.6219, 31.1646, 33.9382**.

A 20% lighter version of the original color is **60.1268, 60.6729, 68.8636**, and **12.8659, 12.5534, 14.8416** is the 20% darker color. If you saturate the color by 10%, you get **27.9094, 25.8238, 32.2412**, and if you desaturate by 10%, it is **33.7501, 36.0799, 38.5818**.

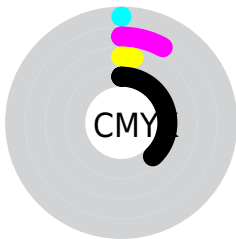
Distribution



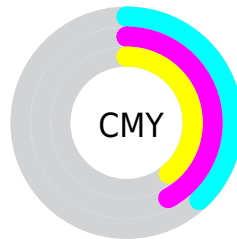
- Red (62%)
- Green (58%)
- Blue (61%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6482, 30.6049, 35.3024 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 30.6482, 30.6049, 35.3024 by changing the saturation by 10% instead.

■ 30.6482, 30.6049,
35.3024

■ 30.6482, 30.6049,
35.3024

296.7702,
304.7139, 340.8458

■ 20.4816, 20.2982,
23.6105

■ 60.0654, 60.6175,
69.1108

■ 12.8559, 12.6120,
14.8354

■ 80.0467, 81.0921,
92.0645

■ 7.4057, 7.1619,
8.5586

104.0303,
105.7249, 119.6091

■ 3.7657, 3.5636,
4.3616

132.3816,
134.9001, 152.1632

■ 1.5704, 1.4326,
1.8257

165.4658,
169.0023, 190.1454

■ 0.3730, 0.2405,
0.4448

203.6485,

■ 0.0000, 0.0000,

208.4157, 233.9742

0.0000

247.2948,
253.5248, 284.0682

■ 30.6482, 30.6049,
35.3024

■ 30.6482, 30.6049,
35.3024

■ 27.9094, 25.8238,
32.2412

■ 33.7501, 36.0799,
38.5818

■ 25.5168, 21.7048,
29.3903

■ 37.2257, 42.2713,
42.0831

■ 23.4563, 18.2193,
26.7440

■ 41.0887, 49.2054,
45.8124

■ 21.7114, 15.3350,
24.2956

■ 45.3512, 56.9059,
49.7747

■ 20.2645, 13.0170,
22.0380

■ 50.0246, 65.3954,
53.9752

■ 19.0960, 11.2267,
19.9633

■ 55.1200, 74.6959,
58.4186

■ 18.1839, 9.9204,
18.0627

■ 59.5848, 82.7016,
62.7551

■ 17.5027, 9.0475,
16.3265

■ 60.1834, 82.9411,
65.9073

■ 17.0098, 8.5234,
14.7390

■ 60.8034, 83.1891,
69.1721

Harmonies

Analogous

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



30.0882, 30.6049, 37.3505



30.6482, 30.6049, 35.3024



30.7867, 30.6049, 32.8131

Triad

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



30.6482, 30.6049, 35.3024



28.9103, 30.6049, 28.7771



27.7569, 30.6049, 36.2339

Complementary

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



30.6482, 30.6049, 35.3024



30.0178, 33.2345, 34.1125

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.



27.4549, 30.6049, 33.8392



30.6482, 30.6049, 35.3024



28.1122, 30.6049, 29.5970

Square

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



30.6482, 30.6049, 35.3024



29.7720, 30.6049, 29.1255



27.5837, 30.6049, 31.4200



28.4166, 30.6049, 37.9068

Rectangle

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



30.6482, 30.6049, 35.3024



30.6191, 30.6049, 31.2542



27.5837, 30.6049, 31.4200



27.6108, 30.6049, 35.4822

Sweetspot

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



30.6491, 30.6062, 35.3031



57.8659, 60.0548, 66.4088



29.4554, 29.9514, 37.0301



13.0608, 13.5658, 14.9876



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.



30.6491, 30.6062, 35.3031



54.0479, 53.3369, 62.3061



30.1577, 30.4097, 32.7153



6.8100, 6.7169, 7.8508



13.3673, 6.6515, 11.4512



0.2578, 0.1264, 0.3037

Inverse Universe

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



30.6491, 30.6062, 35.3031



54.0479, 53.3369, 62.3061



30.5175, 33.4344, 36.7440



6.8100, 6.7169, 7.8508



13.3673, 6.6515, 11.4512



0.2578, 0.1264, 0.3037

Previews

White Background



This preview shows how the XYZ color 30.6482, 30.6049, 35.3024 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 30.6482, 30.6049, 35.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

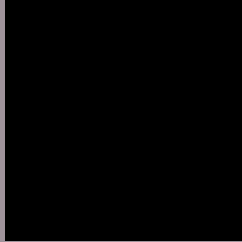
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6482, 30.6049, 35.3024

Background



This preview shows how black text looks on a background with the XYZ color 30.6482, 30.6049, 35.3024.



This preview shows how white text looks on a background with the XYZ color 30.6482, 30.6049,

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

30.6482, 30.6049, 35.3024

Protanopia

29.5107, 30.4745, 35.7793

Deuteranopia

31.2995, 30.7109, 35.2885



Tritanopia

30.9033, 30.7070, 36.6460

Trichromacy



Original Color

30.6482, 30.6049, 35.3024

Protanomaly

29.9171, 30.4501, 35.7532

Deuteranomaly

31.0956, 30.6057, 35.2789

Tritanomaly

30.8176, 30.6727, 36.1944

Monochromacy



Original Color

30.6482, 30.6049, 35.3024

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 30.6482, 30.6049, 35.3024 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(159, 147, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 147, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.6482, 30.6049, 35.3024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

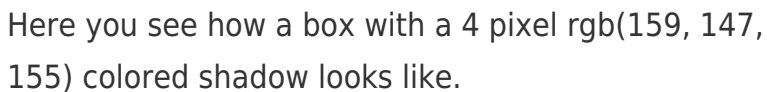
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 147, 155) }
```


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

```
.border{ border-color:rgb(159, 147, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 147, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 147, 155); box-shadow:4px 4px 4px 4px rgb(159, 147, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6482, 30.6049, 35.3024 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, 155) }
```

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

```
.background{ background-color: rgb(159,  
147, 155) }
```

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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