

Converting Colors

XYZ(30.5791, 31.2235, 39.7885)

Have a look what the booklet for
XYZ(30.5791, 31.2235, 39.7885)
contains.

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Color

**XYZ(30.6468, 31.2047,
40.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	9896A5
RGB	152, 150, 165
RGB Percent	60%, 59%, 65%
CMY	0.4039, 0.4118, 0.3529
CMYK	0.08, 0.09, 0.00, 0.35
HSL	248°, 8%, 62%
HSV	248°, 9%, 65%
XYZ	30.6468, 31.2047, 40.0052
YIQ	152.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

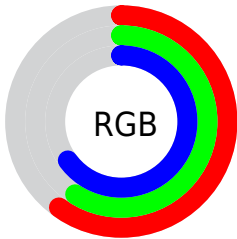
Format	Color
RYB	152, 150, 165
Decimal	10000037
CIELab	62.68, 3.72, -7.59
CIELCh	63, 8.455, 296.130
Yxy	31.2047, 0.3009, 0.3064
Android (android.graphics.Color)	4288190117 (0xFF9896A5)
YUV	152.3080, 6.2572, -0.2701
Hunter-Lab	55.8612, 0.1724, -3.3580

Details

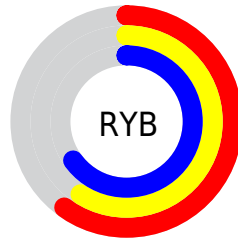
The XYZ color **30.6468, 31.2047, 40.0052** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0655, 36.8996, 34.1825**, and the grayscale version is **29.9537, 31.5137, 34.3184**.

A 20% lighter version of the original color is **59.9647, 61.4748, 76.4155**, and **12.8093, 12.8826, 17.4343** is the 20% darker color. If you saturate the color by 10%, you get **25.6798, 25.0076, 39.0713**, and if you desaturate by 10%, it is **36.3092, 38.3124, 41.0792**.

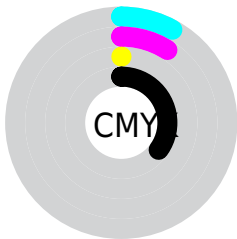
Distribution



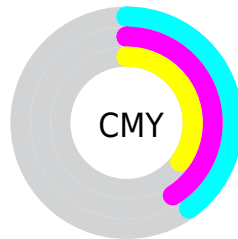
- Red (60%)
- Green (59%)
- Blue (65%)



- Red (60%)
- Yellow (59%)
- Blue (65%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6468, 31.2047, 40.0052 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 30.6468, 31.2047, 40.0052 by changing the saturation by 10% instead.

■ 30.6468, 31.2047,
40.0052

■ 30.6468, 31.2047,
40.0052

296.7638,
307.4803, 361.6982

■ 20.4806, 20.7548,
27.2288

■ 60.0632, 61.5622,
76.4086

■ 12.8551, 12.9449,
17.5112

■ 80.0441, 82.2386,
100.8727

■ 7.4052, 7.3906,
10.4338

104.0272,
107.0925, 130.0697

■ 3.7653, 3.7076,
5.5782

132.3779,
136.5085, 164.4182

■ 1.5702, 1.5114,
2.5257

165.4615,
170.8709, 204.3368

■ 0.3729, 0.2967,
0.8537

203.6435,

■ 0.0000, 0.0000,

210.5640, 250.2440

0.0000

247.2892,
255.9724, 302.5583

■ 30.6468, 31.2047,
40.0052

■ 30.6468, 31.2047,
40.0052

■ 25.6798, 25.0076,
39.0713

■ 36.3092, 38.3124,
41.0792

■ 21.3787, 19.6803,
38.2697

■ 42.6895, 46.3613,
42.2965

■ 17.7157, 15.1851,
37.5951

■ 49.8129, 55.3855,
43.6629

■ 14.6601, 11.4796,
37.0410

■ 57.7023, 65.4163,
45.1832

■ 12.1788, 8.5180,
36.6001

■ 66.3795, 76.4834,
46.8620

■ 10.2352, 6.2494,
36.2646

■ 75.8658, 88.6154,
48.7038

■ 8.7885, 4.6168,
36.0257

■ 82.7382, 94.9536,
49.5649

■ 7.7921, 3.5536,
35.8731

■ 83.7916, 95.4967,
49.6142

■ 7.1678, 2.9348,
35.7865

Harmonies

Analogous

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



29.5097, 31.2047, 40.7172



30.6468, 31.2047, 40.0052



31.5393, 31.2047, 37.6415

Triad

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



30.6468, 31.2047, 40.0052



30.9126, 31.2047, 28.9702



27.5006, 31.2047, 33.5496

Complementary

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



30.6468, 31.2047, 40.0052



34.0655, 36.8996, 34.1825

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.



27.8552, 31.2047, 30.5577



30.6468, 31.2047, 40.0052



29.8091, 31.2047, 28.0243

Square

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



30.6468, 31.2047, 40.0052



31.6955, 31.2047, 31.2549



28.6929, 31.2047, 28.5863



27.7119, 31.2047, 36.8519

Rectangle

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



30.6468, 31.2047, 40.0052



31.8652, 31.2047, 35.5224



28.6929, 31.2047, 28.5863



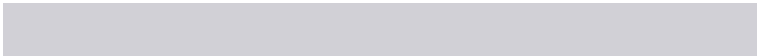
27.5573, 31.2047, 32.4763

Sweetspot

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



30.6477, 31.2060, 40.0059



60.8539, 63.3683, 72.7763



32.5118, 35.4848, 40.7335



13.1291, 13.6341, 15.8772



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.6477, 31.2060, 40.0059



52.9060, 53.4090, 71.2729



32.0467, 31.9272, 40.0714



6.7842, 6.9031, 8.8779



5.4136, 2.1973, 27.0686



0.1377, 0.0585, 0.5699

Inverse Universe

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



33.0353, 32.4577, 39.1756



58.1074, 56.1364, 69.4410



32.6231, 36.1560, 34.1150



7.3235, 7.1859, 8.6902



15.5038, 7.5576, 20.3757



0.3363, 0.1630, 0.4835

Previews

White Background



This preview shows how the XYZ color 30.6468, 31.2047, 40.0052 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 30.6468, 31.2047, 40.0052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

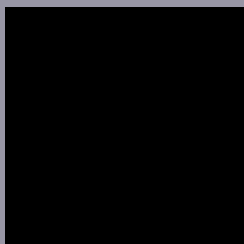
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

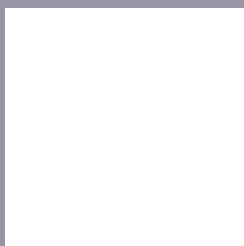
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6468, 31.2047, 40.0052

Background



This preview shows how black text looks on a background with the XYZ color 30.6468, 31.2047, 40.0052.



This preview shows how white text looks on a background with the XYZ color 30.6468, 31.2047,

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

30.6468, 31.2047, 40.0052

Protanopia

30.4358, 31.3339, 40.0412

Deuteranopia

31.8139, 31.0942, 40.4014



Tritanopia

30.3768, 31.0967, 38.5837

Trichromacy



Original Color

30.6468, 31.2047, 40.0052

Protanomaly

30.6206, 31.4291, 40.0499

Deuteranomaly

31.3775, 31.1011, 40.4257

Tritanomaly

30.4661, 31.1324, 39.0538

Monochromacy



Original Color

30.6468, 31.2047, 40.0052

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.1013, 31.2429, 36.3423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6468, 31.2047, 40.0052 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, 150, 165)` looks like.

```
.text, #text, p{  
    color:rgb(152, 150, 165)  
}
```

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, 150, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 150, 165) }
```

Border

The CSS property to change the border of an element to XYZ 30.6468, 31.2047, 40.0052 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, 150, 165) }
```


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

```
.border{ border-color:rgb(152, 150, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 150, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 150, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 150, 165);  
box-shadow:4px 4px 4px 4px rgb(152, 150,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6468, 31.2047, 40.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 150, 165) }
```

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

```
.background{ background-color: rgb(152,  
150, 165) }
```

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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