

Converting Colors

XYZ(36.0127, 40.6337, 48.5935)

Have a look what the booklet for
XYZ(36.0127, 40.6337, 48.5935)
contains.

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Color

**XYZ(36.0564, 40.6949,
48.6023)**

Conversions

Conversions Part 1

Format	Color
Hex	95B0B3
RGB	149, 176, 179
RGB Percent	58%, 69%, 70%
CMY	0.4157, 0.3098, 0.2980
CMYK	0.17, 0.02, 0.00, 0.30
HSL	186°, 16%, 64%
HSV	186°, 17%, 70%
XYZ	36.0564, 40.6949, 48.6023
YIQ	168.2690, -17.0550, -4.7910

Conversions

Conversions Part 2

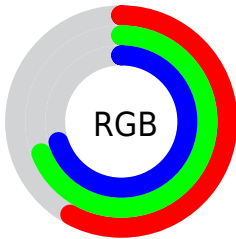
Format	Color
RYB	149, 163, 179
Decimal	9810099
CIELab	69.96, -8.57, -4.64
CIElCh	70, 9.747, 208.422
Yxy	40.6949, 0.2876, 0.3246
Android (android.graphics.Color)	4288000179 (0xFF95B0B3)
YUV	168.2690, 5.2904, -16.8989
Hunter-Lab	63.7926, -10.7464, -0.5171

Details

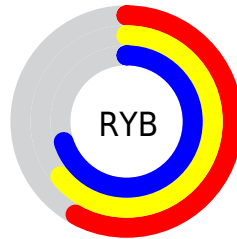
The XYZ color **36.0564, 40.6949, 48.6023** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.2437, 34.2099, 33.1801**, and the grayscale version is **37.3333, 39.2776, 42.7733**.

A 20% lighter version of the original color is **68.4806, 76.4079, 89.7361**, and **15.8859, 18.2689, 22.4276** is the 20% darker color. If you saturate the color by 10%, you get **32.6903, 38.4435, 48.3458**, and if you desaturate by 10%, it is **39.9315, 43.2177, 48.8857**.

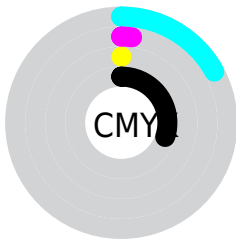
Distribution



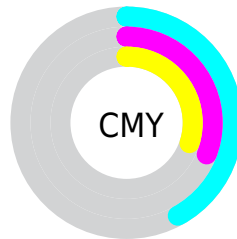
- Red (58%)
- Green (69%)
- Blue (70%)



- Red (58%)
- Yellow (64%)
- Blue (70%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (42%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0564, 40.6949, 48.6023 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 36.0564, 40.6949, 48.6023 by changing the saturation by 10% instead.

■ 36.0564, 40.6949,
48.6023

■ 36.0564, 40.6949,
48.6023

320.6339,
349.0438, 397.7519

■ 24.6481, 28.0808,
33.9407

■ 68.4424, 76.2205,
89.4754

■ 15.9424, 18.3865,
22.5711

■ 90.1508, 99.9008,
116.5239

■ 9.5740, 11.2279,
14.0748

116.0233,
128.0386, 148.5386

■ 5.1775, 6.2203,
8.0334

146.4251,
161.0183, 185.9378

■ 2.3876, 2.9795,
4.0282

181.7218,
199.2242, 229.1403

■ 0.8389, 1.1210,
1.6408

222.2786,

■ 0.0000, 0.0000,

243.0409, 278.5644

0.3197

268.4608,
292.8526, 334.6288

■ 0.0000, 0.0000,
0.0000

■ 36.0564, 40.6949,
48.6023

■ 36.0564, 40.6949,
48.6023

■ 32.6903, 38.4435,
48.3458

■ 39.9315, 43.2177,
48.8857

■ 29.8067, 36.4466,
48.1123

■ 44.3333, 46.0178,
49.1941

■ 27.3822, 34.6932,
47.9017

■ 49.2833, 49.1075,
49.5296

■ 25.3899, 33.1694,
47.7126

■ 54.8006, 52.4965,
49.8930

■ 23.8003, 31.8599,
47.5436

■ 60.9032, 56.1942,
50.2851

■ 22.5798, 30.7475,
47.3932

■ 67.0908, 59.9428,
50.6825

■ 21.6898, 29.8121,
47.2596

■ 67.4719, 60.7050,
50.8095

■ 21.0763, 29.0259,
47.1401

■ 67.8578, 61.4767,
50.9381

■ 20.9021, 28.7852,
47.1029

■ 68.2484, 62.2579,
51.0683

Harmonies

Analogous

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



35.7075, 40.6949, 44.0696



36.0564, 40.6949, 48.6023



37.1028, 40.6949, 52.1824

Triad

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



36.0564, 40.6949, 48.6023



41.3385, 40.6949, 49.0471



38.7634, 40.6949, 36.1331

Complementary

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



36.0564, 40.6949, 48.6023



35.2437, 34.2099, 33.1801

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.



40.2998, 40.6949, 37.2718



36.0564, 40.6949, 48.6023



41.8115, 40.6949, 44.5510

Square

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



36.0564, 40.6949, 48.6023



40.1504, 40.6949, 52.4513



41.4264, 40.6949, 40.2778



37.2445, 40.6949, 37.0577

Rectangle

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



36.0564, 40.6949, 48.6023



38.0699, 40.6949, 53.4375



41.4264, 40.6949, 40.2778



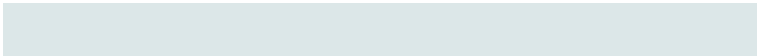
39.2951, 40.6949, 36.2856

Sweetspot

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



36.0576, 40.6966, 48.6032



72.7688, 78.2053, 87.6410



34.1418, 40.8811, 35.5835



16.0060, 17.2521, 19.4086



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.0576, 40.6966, 48.6032



62.3171, 71.3875, 86.8759



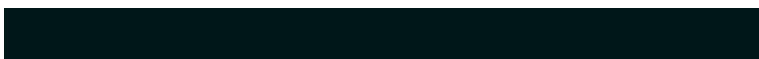
33.3642, 35.3098, 47.7054



8.6687, 9.4835, 10.8799



14.7972, 20.3947, 33.2937



0.4864, 0.6833, 1.0545

Inverse Universe

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



37.1752, 34.2140, 45.7209



64.7003, 57.6994, 80.6993



37.7431, 39.2089, 34.0132



8.8127, 8.6318, 10.5121



17.7036, 8.5990, 24.6628



0.5675, 0.2748, 0.8312

Previews

White Background



This preview shows how the XYZ color 36.0564, 40.6949, 48.6023 looks on a white background.

Color Contrast Check

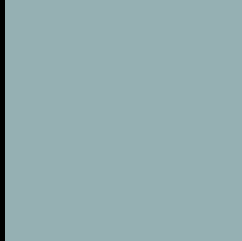
Large Text (above 18pt) WCAG AA × Fail

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 36.0564, 40.6949, 48.6023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

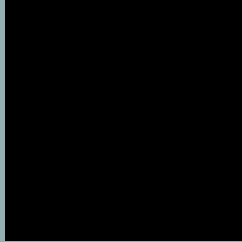
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0564, 40.6949, 48.6023

Background



This preview shows how black text looks on a background with the XYZ color 36.0564, 40.6949, 48.6023.



This preview shows how white text looks on a background with the XYZ color 36.0564, 40.6949,

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

36.0564, 40.6949, 48.6023

Protanopia

39.1258, 40.6153, 46.3348

Deuteranopia

41.2681, 40.5537, 49.3686



Tritanopia

37.1696, 40.8701, 53.5066

Trichromacy



Original Color

36.0564, 40.6949, 48.6023

Protanomaly

37.8988, 40.5322, 46.9003

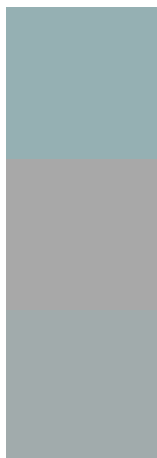
Deuteranomaly

39.1905, 40.5908, 48.9493

Tritanomaly

36.6646, 40.6468, 51.8121

Monochromacy



Original Color

36.0564, 40.6949, 48.6023

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.7072, 39.6814, 44.7543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0564, 40.6949, 48.6023 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(149, 176, 179)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 179)  
}
```

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(149, 176, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 179) }
```

Border

The CSS property to change the border of an element to XYZ 36.0564, 40.6949, 48.6023 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(149, 176, 179) }
```


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

```
.border{ border-color:rgb(149, 176, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 179);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0564, 40.6949, 48.6023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 176, 179) }
```

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

```
.background{ background-color: rgb(149,  
176, 179) }
```

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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