

Converting Colors

XYZ(40.3948, 47.2361, 63.4884)

Have a look what the booklet for
XYZ(40.3948, 47.2361, 63.4884)
contains.

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Color

**XYZ(40.3948, 47.2361,
63.4884)**

Conversions

Conversions Part 1

Format	Color
Hex	8DBFCB
RGB	141, 191, 203
RGB Percent	55%, 75%, 80%
CMY	0.4470, 0.2510, 0.2039
CMYK	0.31, 0.06, 0.00, 0.20
HSL	192°, 37%, 67%
HSV	192°, 31%, 80%
XYZ	40.3948, 47.2361, 63.4884
YIQ	177.4180, -33.6520, -6.8680

Conversions

Conversions Part 2

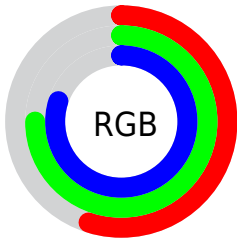
Format	Color
RYB	141, 169, 203
Decimal	9289675
CIELab	74.34, -13.48, -11.33
CIELCh	74, 17.604, 220.049
Yxy	47.2361, 0.2673, 0.3126
Android (android.graphics.Color)	4287479755 (0xFF8DBFCB)
YUV	177.4180, 12.6119, -31.9386
Hunter-Lab	68.7285, -15.3626, -6.6595

Details

The XYZ color **40.3948, 47.2361, 63.4884** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8282, 37.4025, 30.2680**, and the grayscale version is **41.9593, 44.1444, 48.0733**.

A 20% lighter version of the original color is **74.0757, 85.4773, 107.2023**, and **18.5378, 22.4216, 31.7845** is the 20% darker color. If you saturate the color by 10%, you get **36.4095, 43.9279, 63.0607**, and if you desaturate by 10%, it is **45.0386, 50.9202, 63.9555**.

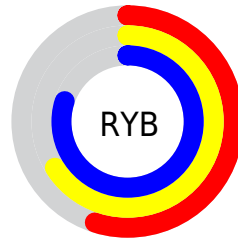
Distribution



Red (55%)

Green (75%)

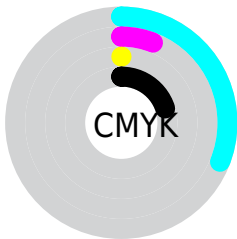
Blue (80%)



Red (55%)

Yellow (66%)

Blue (80%)

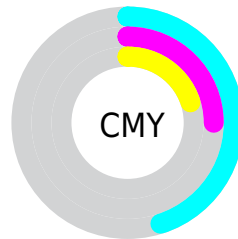


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (20%)



Cyan (45%)

Magenta (25%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3948, 47.2361, 63.4884 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 40.3948, 47.2361, 63.4884 by changing the saturation by 10% instead.

■ 40.3948, 47.2361,
63.4884

■ 40.3948, 47.2361,
63.4884

338.8907,
375.7562, 455.4965

■ 28.0321, 33.2223,
45.7929

■ 75.0449, 86.0659,
111.4662

■ 18.4904, 22.2968,
31.7349

■ 98.0629, 111.6508,
142.5856

■ 11.4045, 14.0752,
20.8960

125.3634,
141.8615, 179.0166

■ 6.4089, 8.1730,
12.8575

157.3118,
177.0824, 221.1780

■ 3.1383, 4.2058,
7.2009

194.2733,
217.6979, 269.4881

■ 1.2273, 1.7894,
3.5077

236.6135,

■ 0.1278, 0.4805,

264.0925, 324.3655

1.3594

284.6975,
316.6504, 386.2288

■ 0.0000, 0.0000,
0.1097

■ 0.0000, 0.0000,
0.0000

■ 40.3948, 47.2361,
63.4884

■ 40.3948, 47.2361,
63.4884

■ 36.4095, 43.9279,
63.0607

■ 45.0386, 50.9202,
63.9555

■ 33.0436, 40.9717,
62.6675

■ 50.3688, 54.9913,
64.4604

■ 30.2605, 38.3496,
62.3081

■ 56.4167, 59.4671,
65.0056

■ 28.0177, 36.0393,
61.9803

■ 63.2106, 64.3624,
65.5924

■ 26.2668, 34.0156,
61.6820

■ 70.7770, 69.6910,
66.2221

■ 24.9503, 32.2487,
61.4103

■ 76.2118, 73.9561,
66.7589

■ 24.0045, 30.7616,
61.1732

■ 77.2216, 75.9757,
67.0955

■ 78.2556, 78.0437,
67.4402

■ 79.3139, 80.1603,
67.7929

Harmonies

Analogous

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



39.1638, 47.2361, 54.5352



40.3948, 47.2361, 63.4884



42.8507, 47.2361, 69.6270

Triad

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



40.3948, 47.2361, 63.4884



50.8667, 47.2361, 57.6149



43.8424, 47.2361, 36.1011

Complementary

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



40.3948, 47.2361, 63.4884



40.8282, 37.4025, 30.2680

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.



47.0064, 47.2361, 36.7200



40.3948, 47.2361, 63.4884



51.1630, 47.2361, 48.4490

Square

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



40.3948, 47.2361, 63.4884



48.9295, 47.2361, 65.9695



49.7208, 47.2361, 41.0077



41.0915, 47.2361, 39.2045

Rectangle

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



40.3948, 47.2361, 63.4884



44.9017, 47.2361, 70.9157



49.7208, 47.2361, 41.0077



44.8913, 47.2361, 35.8902

Sweetspot

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



40.3962, 47.2380, 63.4895



85.7044, 93.1032, 108.0613



38.0390, 50.6546, 37.6370



18.0413, 19.7008, 23.1017



0.0000, 0.0000, 0.0000



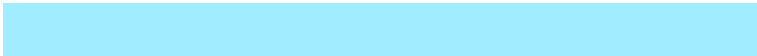
20.3446, 21.4041, 23.3091

Same Dimension

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



40.3962, 47.2380, 63.4895



62.8869, 75.1796, 105.8044



34.4459, 35.3374, 61.5061



11.3516, 12.3437, 14.3546



15.3402, 19.7044, 38.9511



0.8399, 1.1136, 2.0256

Inverse Universe

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



43.5586, 35.5090, 53.8504



69.1721, 52.7269, 86.4545



46.4465, 48.6391, 32.1407



11.5908, 11.3651, 13.6460



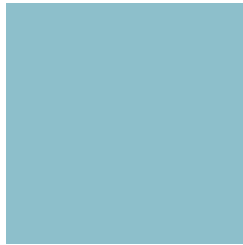
19.9539, 9.7922, 23.2738



1.0539, 0.5150, 1.3297

Previews

White Background



This preview shows how the XYZ color 40.3948, 47.2361, 63.4884 looks on a white background.

Color Contrast Check

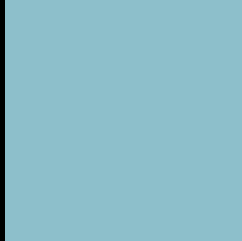
Large Text (above 18pt) WCAG AA × Fail

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 40.3948, 47.2361, 63.4884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

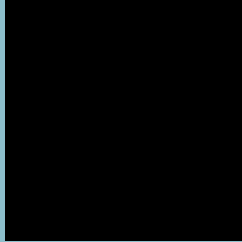
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3948, 47.2361, 63.4884

Background



This preview shows how black text looks on a background with the XYZ color 40.3948, 47.2361, 63.4884.



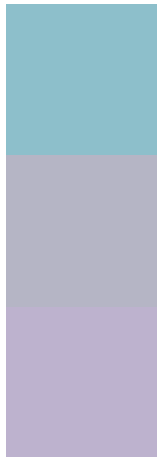
This preview shows how white text looks on a background with the XYZ color 40.3948, 47.2361,

63.4884.

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

40.3948, 47.2361, 63.4884

Protanopia

45.6580, 46.9027, 59.4700

Deuteranopia

48.0472, 47.1158, 64.9544



Tritanopia

40.9267, 47.4686, 65.3978

Trichromacy



Original Color

40.3948, 47.2361, 63.4884

Protanomaly

43.3836, 46.9284, 60.8044

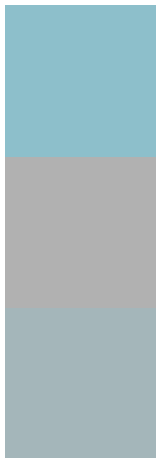
Deuteranomaly

44.9662, 47.0454, 64.4683

Tritanomaly

40.8056, 47.4202, 64.7599

Monochromacy



Original Color

40.3948, 47.2361, 63.4884

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.9007, 44.8936, 52.9640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3948, 47.2361, 63.4884 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(141, 191, 203)` looks like.

```
.text, #text, p{  
    color:rgb(141, 191, 203)  
}
```

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(141, 191, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 191, 203) }
```

Border

The CSS property to change the border of an element to XYZ 40.3948, 47.2361, 63.4884 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(141, 191, 203) }
```


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

```
.border{ border-color:rgb(141, 191, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 191, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 191, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 191, 203); box-shadow:4px 4px 4px 4px rgb(141, 191, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3948, 47.2361, 63.4884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 191, 203) }
```

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

```
.background{ background-color: rgb(141,  
191, 203) }
```

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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