

Converting Colors

XYZ(36.7483, 40.6941, 53.1008)

Have a look what the booklet for
XYZ(36.7483, 40.6941, 53.1008)
contains.

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Color

**XYZ(36.6940, 40.6374,
52.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	95AFBB
RGB	149, 175, 187
RGB Percent	58%, 69%, 73%
CMY	0.4157, 0.3137, 0.2667
CMYK	0.20, 0.06, 0.00, 0.27
HSL	199°, 22%, 66%
HSV	199°, 20%, 73%
XYZ	36.6940, 40.6374, 52.9235
YIQ	168.5940, -19.3480, -1.7800

Conversions

Conversions Part 2

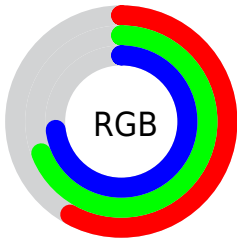
Format	Color
RYB	149, 164, 187
Decimal	9809851
CIELab	69.92, -6.28, -9.11
CIELCh	70, 11.064, 235.438
Yxy	40.6374, 0.2817, 0.3120
Android (android.graphics.Color)	4287999931 (0xFF95AFBB)
YUV	168.5940, 9.0742, -17.1839
Hunter-Lab	63.7475, -8.8108, -4.5997

Details

The XYZ color **36.6940, 40.6374, 52.9235** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6634, 38.2243, 33.7747**, and the grayscale version is **37.4761, 39.4278, 42.9368**.

A 20% lighter version of the original color is **69.6554, 76.4603, 95.8811**, and **16.4230, 18.4838, 25.2564** is the 20% darker color. If you saturate the color by 10%, you get **32.4285, 36.7707, 52.4026**, and if you desaturate by 10%, it is **41.5599, 44.8903, 53.4886**.

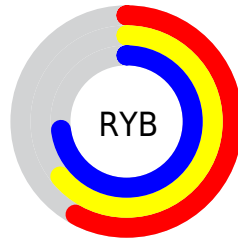
Distribution



Red (58%)

Green (69%)

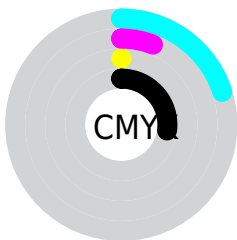
Blue (73%)



Red (58%)

Yellow (64%)

Blue (73%)

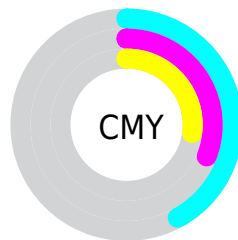


Cyan (20%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6940, 40.6374, 52.9235 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 36.6940, 40.6374, 52.9235 by changing the saturation by 10% instead.

■ 36.6940, 40.6374,
52.9235

■ 36.6940, 40.6374,
52.9235

323.3624,
348.8028, 415.0495

■ 25.1432, 28.0359,
37.3544

■ 69.4188, 76.1332,
95.9322

■ 16.3131, 18.3527,
25.1841

■ 91.3235, 99.7962,
124.2089

■ 9.8382, 11.2035,
15.9940

117.4103,
127.9151, 157.5585

■ 5.3533, 6.2039,
9.3656

148.0445,
160.8744, 196.3996

■ 2.4929, 2.9694,
4.8803

183.5915,
199.0584, 241.1507

■ 0.8917, 1.1158,
2.1197

224.4165,

■ 0.0000, 0.0000,

242.8516, 292.2303

0.6275

270.8851,
292.6383, 350.0571

■ 0.0000, 0.0000,
0.0000

■ 36.6940, 40.6374,
52.9235

■ 36.6940, 40.6374,
52.9235

■ 32.4285, 36.7707,
52.4026

■ 41.5599, 44.8903,
53.4886

■ 28.7332, 33.2705,
51.9218

■ 47.0477, 49.5383,
54.0965

■ 25.5804, 30.1227,
51.4804

■ 53.1820, 54.5960,
54.7494

■ 22.9384, 27.3100,
51.0767

■ 59.9850, 60.0758,
55.4486

■ 20.7724, 24.8133,
50.7090

■ 67.4780, 65.9894,
56.1951

■ 19.0424, 22.6111,
50.3751

■ 73.3622, 71.1528,
56.8816

■ 17.7014, 20.6781,
50.0727

■ 74.8508, 74.1300,
57.3778

■ 16.6838, 19.0160,
49.8055

■ 76.3938, 77.2160,
57.8921

■ 77.9918, 80.4119,
58.4248

Harmonies

Analogous

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



35.5823, 40.6374, 48.6434



36.6940, 40.6374, 52.9235



38.3499, 40.6374, 54.8833

Triad

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



36.6940, 40.6374, 52.9235



42.1789, 40.6374, 45.0405



37.1568, 40.6374, 35.8850

Complementary

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



36.6940, 40.6374, 52.9235



38.6634, 38.2243, 33.7747

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.



38.9006, 40.6374, 35.0825



36.6940, 40.6374, 52.9235



41.8356, 40.6374, 40.1242

Square

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



36.6940, 40.6374, 52.9235



41.5459, 40.6374, 50.1128



40.6218, 40.6374, 36.5751



35.8436, 40.6374, 38.8582

Rectangle

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



36.6940, 40.6374, 52.9235



39.5534, 40.6374, 54.5075



40.6218, 40.6374, 36.5751



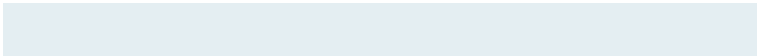
37.7105, 40.6374, 35.3628

Sweetspot

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



36.6952, 40.6391, 52.9244



78.4451, 83.8251, 96.2468



36.5456, 44.4830, 40.1021



17.1351, 18.3409, 21.1796



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.6952, 40.6391, 52.9244



62.4853, 69.8841, 94.3971



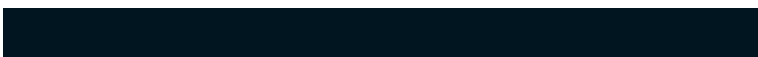
33.3542, 33.9569, 51.8107



9.5476, 10.2876, 12.1547



11.5622, 13.2361, 34.3383



0.5091, 0.6309, 1.3638

Inverse Universe

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



38.9797, 35.1556, 45.2907



67.3073, 58.6243, 78.2137



42.1194, 45.1362, 34.9267



9.7983, 9.6436, 11.3267



16.8368, 8.3659, 14.9662



0.6879, 0.3391, 0.7357

Previews

White Background



This preview shows how the XYZ color 36.6940, 40.6374, 52.9235 looks on a white background.

Color Contrast Check

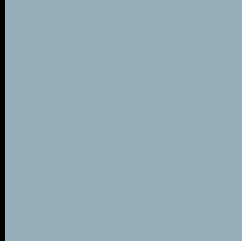
Large Text (above 18pt) WCAG AA × Fail

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 36.6940, 40.6374, 52.9235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

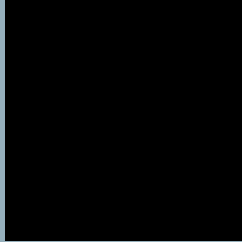
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

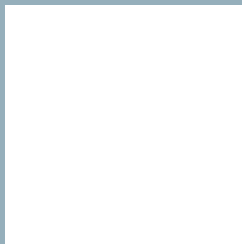
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6940, 40.6374, 52.9235

Background



This preview shows how black text looks on a background with the XYZ color 36.6940, 40.6374, 52.9235.



This preview shows how white text looks on a background with the XYZ color 36.6940, 40.6374,

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

36.6940, 40.6374, 52.9235

Protanopia

39.4173, 40.3827, 51.0645

Deuteranopia

41.4119, 40.5303, 53.7846



Tritanopia

36.9097, 40.7236, 54.0592

Trichromacy



Original Color

36.6940, 40.6374, 52.9235

Protanomaly

38.2202, 40.3100, 51.6651

Deuteranomaly

39.4135, 40.3316, 53.2844

Tritanomaly

36.8015, 40.6803, 53.4894

Monochromacy



Original Color

36.6940, 40.6374, 52.9235

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.2997, 39.9418, 46.8179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6940, 40.6374, 52.9235 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, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(149, 175, 187)  
}
```

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, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 175, 187) }
```

Border

The CSS property to change the border of an element to XYZ 36.6940, 40.6374, 52.9235 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, 175, 187) }
```


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

```
.border{ border-color:rgb(149, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(149, 175,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6940, 40.6374, 52.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 175, 187) }
```

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

```
.background{ background-color: rgb(149,  
175, 187) }
```

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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