

Converting Colors

XYZ(36.8097, 40.6212, 56.3527)

Have a look what the booklet for
XYZ(36.8097, 40.6212, 56.3527)
contains.

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Color

**XYZ(36.8097, 40.6212,
56.3527)**

Conversions

Conversions Part 1

Format	Color
Hex	92AFC1
RGB	146, 175, 193
RGB Percent	57%, 69%, 76%
CMY	0.4274, 0.3137, 0.2431
CMYK	0.24, 0.09, 0.00, 0.24
HSL	203°, 27%, 66%
HSV	203°, 24%, 76%
XYZ	36.8097, 40.6212, 56.3527
YIQ	168.3810, -23.0620, -0.5500

Conversions

Conversions Part 2

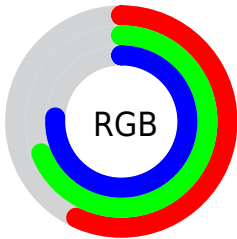
Format	Color
RYB	146, 164, 193
Decimal	9613249
CIELab	69.91, -5.84, -12.46
CIElCh	70, 13.759, 244.862
Yxy	40.6212, 0.2751, 0.3036
Android (android.graphics.Color)	4287803329 (0xFF92AFC1)
YUV	168.3810, 12.1372, -19.6281
Hunter-Lab	63.7348, -8.4440, -7.8084

Details

The XYZ color **36.8097, 40.6212, 56.3527** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4566, 39.9640, 32.7767**, and the grayscale version is **37.3580, 39.3035, 42.8015**.

A 20% lighter version of the original color is **69.7622, 76.4089, 100.6941**, and **16.3593, 18.4097, 27.1173** is the 20% darker color. If you saturate the color by 10%, you get **32.2651, 36.2020, 55.7399**, and if you desaturate by 10%, it is **42.0147, 45.4998, 57.0207**.

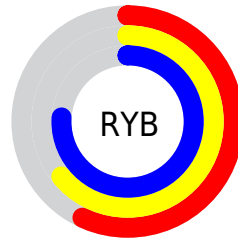
Distribution



Red (57%)

Green (69%)

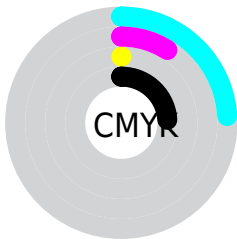
Blue (76%)



Red (57%)

Yellow (64%)

Blue (76%)

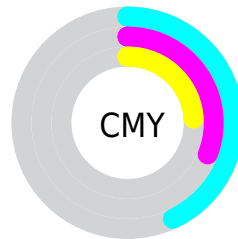


Cyan (24%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (43%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8097, 40.6212, 56.3527 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 36.8097, 40.6212, 56.3527 by changing the saturation by 10% instead.

■ 36.8097, 40.6212,
56.3527

■ 36.8097, 40.6212,
56.3527

323.8558,
348.7349, 428.4449

■ 25.2332, 28.0232,
40.0799

■ 69.5957, 76.1085,
101.0110

■ 16.3805, 18.3432,
27.2866

■ 91.5360, 99.7667,
130.2336

■ 9.8864, 11.1966,
17.5542

117.6615,
127.8803, 164.6098

■ 5.3854, 6.1993,
10.4643

148.3376,
160.8339, 204.5583

■ 2.5122, 2.9666,
5.5983

183.9298,
199.0117, 250.4975

■ 0.9014, 1.1143,
2.5376

224.8033,

■ 0.0000, 0.0000,

242.7982, 302.8459

0.8600

271.3235,
292.5778, 362.0223

■ 0.0000, 0.0000,
0.0000

■ 36.8097, 40.6212,
56.3527

■ 36.8097, 40.6212,
56.3527

■ 32.2651, 36.2020,
55.7399

■ 42.0147, 45.4998,
57.0207

■ 28.3470, 32.2197,
55.1778

■ 47.9046, 50.8491,
57.7428

■ 25.0236, 28.6572,
54.6653

■ 54.5072, 56.6864,
58.5215

■ 22.2588, 25.4939,
54.2004

■ 61.8476, 63.0261,
59.3583

■ 20.0123, 22.7070,
53.7809

■ 69.9495, 69.8824,
60.2547

■ 18.2377, 20.2705,
53.4041

■ 76.2882, 75.9552,
61.0928

■ 16.8787, 18.1533,
53.0671

■ 78.2635, 79.9058,
61.7512

■ 16.2337, 17.0662,
52.8913

■ 80.3256, 84.0299,
62.4386

■ 82.4754, 88.3295,
63.1552

Harmonies

Analogous

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



35.1844, 40.6212, 51.6558



36.8097, 40.6212, 56.3527



38.9752, 40.6212, 57.6829

Triad

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



36.8097, 40.6212, 56.3527



43.0583, 40.6212, 43.1930



36.2010, 40.6212, 34.8672

Complementary

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



36.8097, 40.6212, 56.3527



40.4566, 39.9640, 32.7767

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.



38.2456, 40.6212, 33.0498



36.8097, 40.6212, 56.3527



42.2494, 40.6212, 37.5515

Square

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



36.8097, 40.6212, 56.3527



42.6380, 40.6212, 49.6748



40.4665, 40.6212, 33.9832



34.8426, 40.6212, 39.1975

Rectangle

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



36.8097, 40.6212, 56.3527



40.4471, 40.6212, 56.3821



40.4665, 40.6212, 33.9832



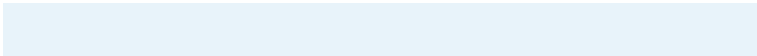
36.8279, 40.6212, 33.9622

Sweetspot

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



36.8109, 40.6228, 56.3536



82.7615, 88.3416, 103.0499



37.5567, 46.9045, 41.8350



17.6149, 18.8256, 22.0906



92.9021, 97.7402, 106.4391



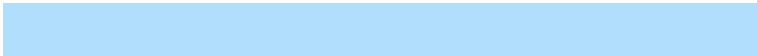
19.4759, 20.4902, 22.3138

Same Dimension

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



36.8109, 40.6228, 56.3536



61.6296, 68.6146, 100.3560



32.7522, 32.5054, 55.0007



10.0341, 10.7595, 12.8328



10.8764, 11.5094, 35.2049



0.5349, 0.6272, 1.5428

Inverse Universe

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



40.0101, 34.9914, 45.2045



68.4002, 57.2014, 76.6472



44.8952, 48.8412, 34.2562



10.3285, 10.1800, 11.8205



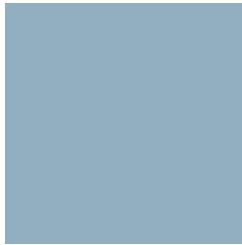
16.8859, 8.4441, 12.5771



0.7624, 0.3780, 0.7161

Previews

White Background



This preview shows how the XYZ color 36.8097, 40.6212, 56.3527 looks on a white background.

Color Contrast Check

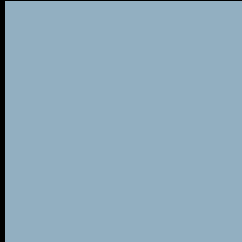
Large Text (above 18pt) WCAG AA × Fail

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 36.8097, 40.6212, 56.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

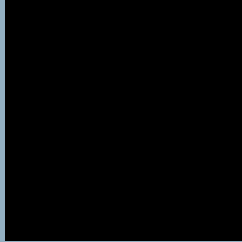
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8097, 40.6212, 56.3527

Background



This preview shows how black text looks on a background with the XYZ color 36.8097, 40.6212, 56.3527.



This preview shows how white text looks on a background with the XYZ color 36.8097, 40.6212,

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

36.8097, 40.6212, 56.3527

Protanopia

39.5217, 40.3749, 53.8542

Deuteranopia

41.3910, 40.4427, 57.2544



Tritanopia

36.4967, 40.7881, 54.6645

Trichromacy



Original Color

36.8097, 40.6212, 56.3527

Protanomaly

38.3544, 40.3171, 54.4757

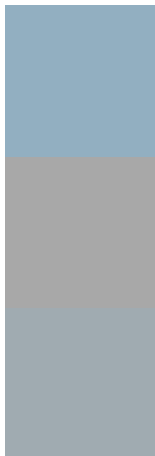
Deuteranomaly

39.4426, 40.2703, 56.7330

Tritanomaly

36.6064, 40.8320, 55.2422

Monochromacy



Original Color

36.8097, 40.6212, 56.3527

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.9959, 39.7737, 47.3222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8097, 40.6212, 56.3527 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(146, 175, 193) looks like.

```
.text, #text, p{  
    color:rgb(146, 175, 193)  
}
```

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(146, 175, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 175, 193) }
```

Border

The CSS property to change the border of an element to XYZ 36.8097, 40.6212, 56.3527 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(146, 175, 193) }
```


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

```
.border{ border-color:rgb(146, 175, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 175, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 175, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 175, 193);  
box-shadow:4px 4px 4px 4px rgb(146, 175,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8097, 40.6212, 56.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 175, 193) }
```

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

```
.background{ background-color: rgb(146,  
175, 193) }
```

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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