

Converting Colors

XYZ(36.5593, 40.2345, 56.4777)

Have a look what the booklet for
XYZ(36.5593, 40.2345, 56.4777)
contains.

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Color

**XYZ(36.4387, 40.1421,
56.2797)**

Conversions

Conversions Part 1

Format	Color
Hex	91AEC1
RGB	145, 174, 193
RGB Percent	57%, 68%, 76%
CMY	0.4314, 0.3176, 0.2431
CMYK	0.25, 0.10, 0.00, 0.24
HSL	204°, 28%, 66%
HSV	204°, 25%, 76%
XYZ	36.4387, 40.1421, 56.2797
YIQ	167.4950, -23.3830, -0.2390

Conversions

Conversions Part 2

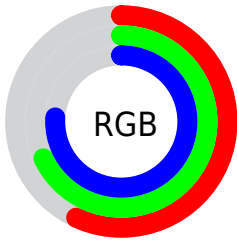
Format	Color
RYB	145, 163, 193
Decimal	9547457
CIELab	69.57, -5.61, -12.97
CIELCh	70, 14.133, 246.605
Yxy	40.1421, 0.2743, 0.3021
Android (android.graphics.Color)	4287737537 (0xFF91AEC1)
YUV	167.4950, 12.5740, -19.7281
Hunter-Lab	63.3578, -8.2162, -8.3159

Details

The XYZ color **36.4387, 40.1421, 56.2797** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3790, 39.9327, 32.3685**, and the grayscale version is **36.9217, 38.8445, 42.3017**.

A 20% lighter version of the original color is **68.9376, 75.1575, 100.4960**, and **16.1339, 18.1103, 27.0714** is the 20% darker color. If you saturate the color by 10%, you get **31.8887, 35.6686, 55.6567**, and if you desaturate by 10%, it is **41.6528, 45.0846, 56.9595**.

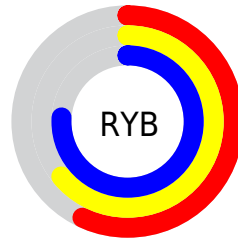
Distribution



Red (57%)

Green (68%)

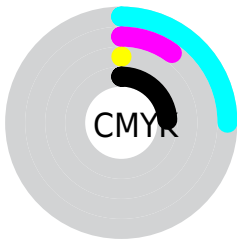
Blue (76%)



Red (57%)

Yellow (64%)

Blue (76%)

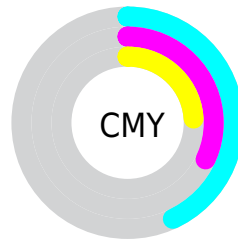


Cyan (25%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (43%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4387, 40.1421, 56.2797 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 36.4387, 40.1421, 56.2797 by changing the saturation by 10% instead.

■ 36.4387, 40.1421,
56.2797

■ 36.4387, 40.1421,
56.2797

322.2719,
346.7221, 428.1626

■ 24.9449, 27.6494,
40.0217

■ 69.0281, 75.3798,
100.9033

■ 16.1645, 18.0615,
27.2416

■ 90.8544, 98.8936,
130.1060

■ 9.7322, 10.9942,
17.5207

116.8556,
126.8499, 164.4606

■ 5.2827, 6.0629,
10.4406

147.3970,
159.6330, 204.3858

■ 2.4505, 2.8834,
5.5826

182.8439,
197.6274, 250.3001

■ 0.8704, 1.0711,
2.5283

223.5618,

■ 0.0000, 0.0000,

241.2175, 302.6219

0.8551

269.9160,
290.7876, 361.7699

■ 0.0000, 0.0000,
0.0000

■ 36.4387, 40.1421,
56.2797

■ 36.4387, 40.1421,
56.2797

■ 31.8887, 35.6686,
55.6567

■ 41.6528, 45.0846,
56.9595

■ 27.9686, 31.6413,
55.0860

■ 47.5559, 50.5079,
57.6952

■ 24.6464, 28.0428,
54.5665

■ 54.1758, 56.4292,
58.4893

■ 21.8858, 24.8520,
54.0961

■ 61.5379, 62.8637,
59.3432

■ 19.6459, 22.0457,
53.6725

■ 69.6661, 69.8254,
60.2585

■ 17.8797, 19.5974,
53.2930

■ 76.4160, 76.2108,
61.1353

■ 16.5304, 17.4755,
52.9546

■ 78.4649, 80.3087,
61.8183

■ 15.9421, 16.4830,
52.7940

■ 80.6067, 84.5921,
62.5322

■ 82.8423, 89.0634,
63.2774

Harmonies

Analogous

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



34.7401, 40.1421, 51.6341



36.4387, 40.1421, 56.2797



38.6606, 40.1421, 57.4107

Triad

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



36.4387, 40.1421, 56.2797



42.6787, 40.1421, 42.2789



35.5978, 40.1421, 34.3799

Complementary

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



36.4387, 40.1421, 56.2797



40.3790, 39.9327, 32.3685

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.



37.6516, 40.1421, 32.3799



36.4387, 40.1421, 56.2797



41.7842, 40.1421, 36.6375

Square

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



36.4387, 40.1421, 56.2797



42.3225, 40.1421, 48.8876



39.9220, 40.1421, 33.1633



34.2684, 40.1421, 38.9076

Rectangle

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



36.4387, 40.1421, 56.2797



40.1520, 40.1421, 55.9284



39.9220, 40.1421, 33.1633



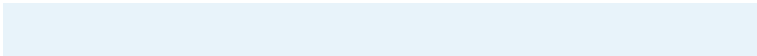
36.2232, 40.1421, 33.4113

Sweetspot

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



36.4399, 40.1437, 56.2806



82.6942, 88.2070, 103.0275



37.3945, 46.8191, 41.9054



17.5993, 18.7943, 22.0854



92.9021, 97.7402, 106.4391



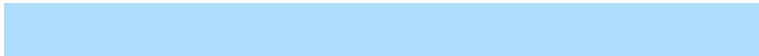
19.4759, 20.4902, 22.3138

Same Dimension

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



36.4399, 40.1437, 56.2806



60.5561, 67.3077, 100.1603



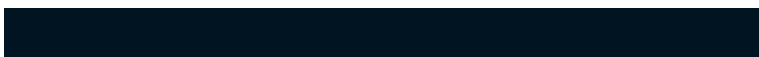
32.3058, 31.8755, 54.9026



10.0232, 10.7376, 12.8291



10.6830, 11.1226, 35.1404



0.5273, 0.6120, 1.5402

Inverse Universe

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



39.7586, 34.6452, 44.6379



67.6533, 56.1176, 75.1344



44.9591, 49.0931, 33.8952



10.3230, 10.1778, 11.7914



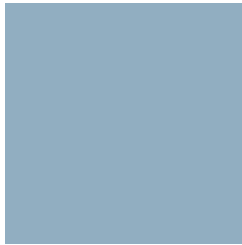
16.7883, 8.4051, 12.0630



0.7585, 0.3764, 0.6959

Previews

White Background



This preview shows how the XYZ color 36.4387, 40.1421, 56.2797 looks on a white background.

Color Contrast Check

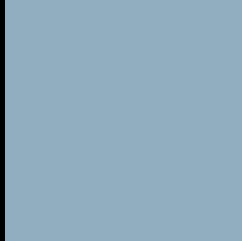
Large Text (above 18pt) WCAG AA × Fail

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 36.4387, 40.1421, 56.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

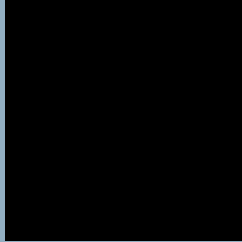
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

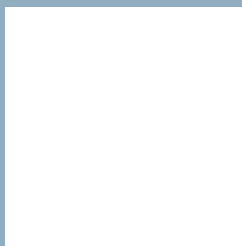
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4387, 40.1421, 56.2797

Background



This preview shows how black text looks on a background with the XYZ color 36.4387, 40.1421, 56.2797.



This preview shows how white text looks on a background with the XYZ color 36.4387, 40.1421,

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

36.4387, 40.1421, 56.2797

Protanopia

39.1243, 39.8949, 53.7825

Deuteranopia

40.7610, 39.8491, 57.1731



Tritanopia

36.0169, 40.2634, 54.0174

Trichromacy



Original Color

36.4387, 40.1421, 56.2797

Protanomaly

37.9671, 39.8381, 54.4036

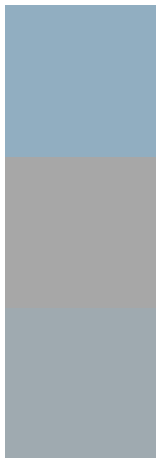
Deuteranomaly

38.8445, 39.6868, 56.6519

Tritanomaly

36.1258, 40.3069, 54.5912

Monochromacy



Original Color

36.4387, 40.1421, 56.2797

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.5093, 39.2550, 46.7270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4387, 40.1421, 56.2797 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(145, 174, 193)` looks like.

```
.text, #text, p{  
    color:rgb(145, 174, 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(145, 174, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 174, 193) }
```

Border

The CSS property to change the border of an element to XYZ 36.4387, 40.1421, 56.2797 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(145, 174, 193) }
```


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

```
.border{ border-color:rgb(145, 174, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 174, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 174, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 174, 193);  
box-shadow:4px 4px 4px 4px rgb(145, 174,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4387, 40.1421, 56.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 174, 193) }
```

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

```
.background{ background-color: rgb(145,  
174, 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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