

Converting Colors

XYZ(36.2908, 40.0083, 56.6185)

Have a look what the booklet for
XYZ(36.2908, 40.0083, 56.6185)
contains.

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Color

**XYZ(36.3753, 40.0964,
56.8611)**

Conversions

Conversions Part 1

Format	Color
Hex	90AEC2
RGB	144, 174, 194
RGB Percent	56%, 68%, 76%
CMY	0.4353, 0.3176, 0.2392
CMYK	0.26, 0.10, 0.00, 0.24
HSL	204°, 29%, 66%
HSV	204°, 26%, 76%
XYZ	36.3753, 40.0964, 56.8611
YIQ	167.3100, -24.3000, -0.1400

Conversions

Conversions Part 2

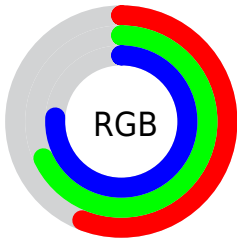
Format	Color
RYB	144, 163, 194
Decimal	9481922
CIELab	69.54, -5.68, -13.58
CIElCh	70, 14.719, 247.290
Yxy	40.0964, 0.2728, 0.3007
Android (android.graphics.Color)	4287672002 (0xFF90AEC2)
YUV	167.3100, 13.1582, -20.4429
Hunter-Lab	63.3217, -8.2733, -8.9155

Details

The XYZ color **36.3753, 40.0964, 56.8611** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5583, 40.0344, 31.9765**, and the grayscale version is **36.8290, 38.7470, 42.1955**.

A 20% lighter version of the original color is **68.9851, 75.1458, 102.1355**, and **16.1068, 18.0878, 27.4533** is the 20% darker color. If you saturate the color by 10%, you get **31.8179, 35.5864, 56.2315**, and if you desaturate by 10%, it is **41.6040, 45.0830, 57.5487**.

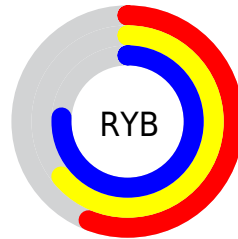
Distribution



Red (56%)

Green (68%)

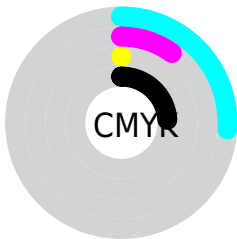
Blue (76%)



Red (56%)

Yellow (64%)

Blue (76%)

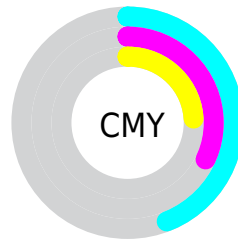


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3753, 40.0964, 56.8611 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 36.3753, 40.0964, 56.8611 by changing the saturation by 10% instead.

■ 36.3753, 40.0964,
56.8611

■ 36.3753, 40.0964,
56.8611

322.0006,
346.5297, 430.4078

■ 24.8956, 27.6137,
40.4851

■ 68.9310, 75.3103,
101.7608

■ 16.1276, 18.0347,
27.6003

■ 90.7378, 98.8103,
131.1216

■ 9.7059, 10.9749,
17.7882

116.7177,
126.7515, 165.6478

■ 5.2652, 6.0500,
10.6302

147.2360,
159.5183, 205.7578

■ 2.4400, 2.8755,
5.7077

182.6581,
197.4952, 251.8703

■ 0.8651, 1.0671,
2.6023

223.3493,

■ 0.0000, 0.0000,

241.0664, 304.4038

0.8936

269.6750,
290.6165, 363.7767

■ 0.0000, 0.0000,
0.0000

■ 36.3753, 40.0964,
56.8611

■ 36.3753, 40.0964,
56.8611

■ 31.8179, 35.5864,
56.2315

■ 41.6040, 45.0830,
57.5487

■ 27.8969, 31.5299,
55.6551

■ 47.5295, 50.5585,
58.2933

■ 24.5797, 27.9089,
55.1310

■ 54.1802, 56.5406,
59.0974

■ 21.8290, 24.7019,
54.6570

■ 61.5817, 63.0445,
59.9627

■ 19.6029, 21.8849,
54.2306

■ 69.7587, 70.0848,
60.8906

■ 17.8530, 19.4307,
53.8491

■ 76.7182, 76.6360,
61.7883

■ 16.5193, 17.3058,
53.5093

■ 78.8091, 80.8179,
62.4853

■ 16.0301, 16.4797,
53.3756

■ 80.9960, 85.1916,
63.2142

■ 83.2799, 89.7594,
63.9755

Harmonies

Analogous

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



34.5932, 40.0964, 52.0665



36.3753, 40.0964, 56.8611



38.6926, 40.0964, 57.9506

Triad

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



36.3753, 40.0964, 56.8611



42.8196, 40.0964, 42.0203



35.4114, 40.0964, 34.0622

Complementary

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



36.3753, 40.0964, 56.8611



40.5583, 40.0344, 31.9765

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.



37.5342, 40.0964, 31.9331



36.3753, 40.0964, 56.8611



41.8583, 40.0964, 36.2076

Square

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



36.3753, 40.0964, 56.8611



42.4779, 40.0964, 48.9018



39.8999, 40.0964, 32.6757



34.0531, 40.0964, 38.8035

Rectangle

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



36.3753, 40.0964, 56.8611



40.2417, 40.0964, 56.3361



39.8999, 40.0964, 32.6757



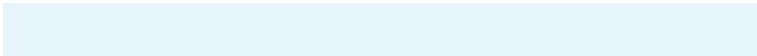
36.0557, 40.0964, 33.0410

Sweetspot

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



36.3765, 40.0980, 56.8620



83.4661, 89.1808, 105.2843



37.4201, 47.1640, 41.8610



17.9096, 19.1909, 23.0102



0.0000, 0.0000, 0.0000



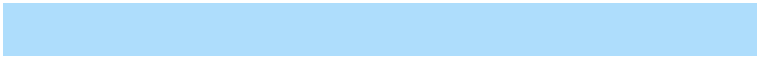
20.3446, 21.4041, 23.3091

Same Dimension

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



36.3765, 40.0980, 56.8620



61.0358, 67.8688, 102.3528



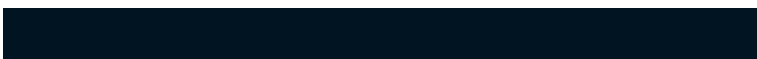
32.1200, 31.5850, 55.4432



10.0196, 10.7305, 12.8279



10.6212, 10.9988, 35.1198



0.5249, 0.6071, 1.5394

Inverse Universe

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



39.8624, 34.4730, 44.5990



68.5519, 56.3537, 75.7746



45.3018, 49.5214, 33.5577



10.3212, 10.1771, 11.7820



16.7570, 8.3926, 11.8986



0.7573, 0.3759, 0.6894

Previews

White Background



This preview shows how the XYZ color 36.3753, 40.0964, 56.8611 looks on a white background.

Color Contrast Check

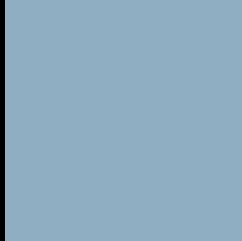
Large Text (above 18pt) WCAG AA × Fail

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 36.3753, 40.0964, 56.8611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

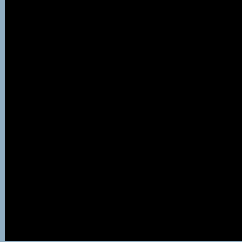
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

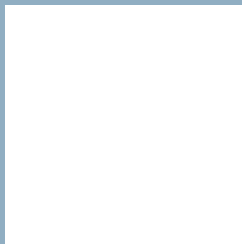
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3753, 40.0964, 56.8611

Background



This preview shows how black text looks on a background with the XYZ color 36.3753, 40.0964, 56.8611.



This preview shows how white text looks on a background with the XYZ color 36.3753, 40.0964,

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

36.3753, 40.0964, 56.8611

Protanopia

39.0228, 39.8300, 54.3464

Deuteranopia

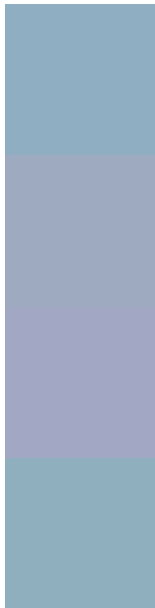
40.6525, 39.7800, 57.7602



Tritanopia

35.8430, 40.1737, 54.0093

Trichromacy



Original Color

36.3753, 40.0964, 56.8611

Protanomaly

37.8792, 39.7801, 54.9721

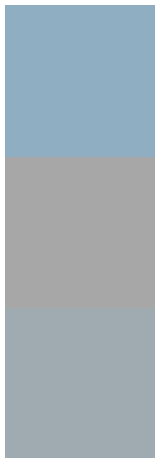
Deuteranomaly

38.7532, 39.6268, 57.2360

Tritanomaly

36.0616, 40.2612, 55.1607

Monochromacy



Original Color

36.3753, 40.0964, 56.8611

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.6086, 39.2947, 47.2501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3753, 40.0964, 56.8611 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(144, 174, 194)` looks like.

```
.text, #text, p{  
    color:rgb(144, 174, 194)  
}
```

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(144, 174, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 174, 194) }
```

Border

The CSS property to change the border of an element to XYZ 36.3753, 40.0964, 56.8611 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(144, 174, 194) }
```


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

```
.border{ border-color:rgb(144, 174, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 174, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 174, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 174, 194);  
box-shadow:4px 4px 4px 4px rgb(144, 174,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3753, 40.0964, 56.8611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 174, 194) }
```

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

```
.background{ background-color: rgb(144,  
174, 194) }
```

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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