

Converting Colors

XYZ(36.7820, 40.0333, 56.2407)

Have a look what the booklet for
XYZ(36.7820, 40.0333, 56.2407)
contains.

XYZ(36.7820, 40.0333, 56.2407)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.7820, 40.0333,
56.2407)**

Conversions

Conversions Part 1

Format	Color
Hex	94ADC1
RGB	148, 173, 193
RGB Percent	58%, 68%, 76%
CMY	0.4196, 0.3216, 0.2431
CMYK	0.23, 0.10, 0.00, 0.24
HSL	207°, 27%, 67%
HSV	207°, 23%, 76%
XYZ	36.7820, 40.0333, 56.2407
YIQ	167.8050, -21.3200, 0.9200

Conversions

Conversions Part 2

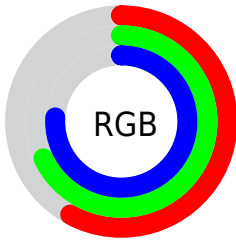
Format	Color
RYB	148, 164, 193
Decimal	9743809
CIELab	69.49, -4.14, -13.07
CIELCh	69, 13.708, 252.416
Yxy	40.0333, 0.2764, 0.3009
Android (android.graphics.Color)	4287933889 (0xFF94ADC1)
YUV	167.8050, 12.4211, -17.3690
Hunter-Lab	63.2719, -6.9579, -8.4110

Details

The XYZ color **36.7820, 40.0333, 56.2407** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3408, 41.4812, 33.8458**, and the grayscale version is **37.0734, 39.0041, 42.4754**.

A 20% lighter version of the original color is **69.4709, 75.0229, 100.4419**, and **16.3214, 18.0256, 27.0452** is the 20% darker color. If you saturate the color by 10%, you get **31.9858, 35.1980, 55.5608**, and if you desaturate by 10%, it is **42.2683, 45.3832, 56.9848**.

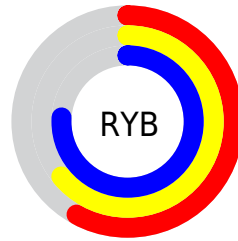
Distribution



Red (58%)

Green (68%)

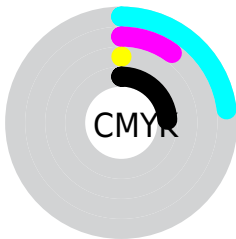
Blue (76%)



Red (58%)

Yellow (64%)

Blue (76%)

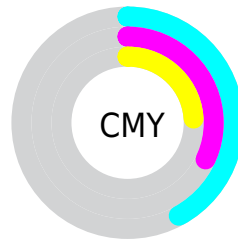


Cyan (23%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7820, 40.0333, 56.2407 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 36.7820, 40.0333, 56.2407 by changing the saturation by 10% instead.

■ 36.7820, 40.0333,
56.2407

■ 36.7820, 40.0333,
56.2407

323.7377,
346.2639, 428.0117

■ 25.2116, 27.5645,
39.9907

■ 69.5534, 75.2142,
100.8457

■ 16.3644, 17.9976,
27.2175

■ 91.4851, 98.6951,
130.0378

■ 9.8748, 10.9483,
17.5028

117.6014,
126.6156, 164.3809

■ 5.3777, 6.0321,
10.4279

148.2675,
159.3599, 204.2937

■ 2.5075, 2.8646,
5.5743

183.8488,
197.3125, 250.1946

■ 0.8991, 1.0615,
2.5234

224.7107,

■ 0.0000, 0.0000,

240.8577, 302.5022

0.8525

271.2186,
290.3801, 361.6351

■ 0.0000, 0.0000,
0.0000

■ 36.7820, 40.0333,
56.2407

■ 36.7820, 40.0333,
56.2407

■ 31.9858, 35.1980,
55.5608

■ 42.2683, 45.3832,
56.9848

■ 27.8452, 30.8535,
54.9405

■ 48.4699, 51.2603,
57.7924

■ 24.3283, 26.9813,
54.3785

■ 55.4149, 57.6831,
58.6661

■ 21.3983, 23.5595,
53.8724

■ 63.1289, 64.6675,
59.6076

■ 19.0148, 20.5639,
53.4198

■ 71.6363, 72.2284,
60.6186

■ 17.1310, 17.9672,
53.0179

■ 77.6469, 78.6725,
61.5457

■ 15.6914, 15.7373,
52.6634

■ 80.0169, 83.4126,
62.3357

■ 14.9075, 14.4137,
52.4492

■ 82.5050, 88.3888,
63.1650

■ 85.1128, 93.6043,
64.0343

Harmonies

Analogous

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



35.0008, 40.0333, 52.3178



36.7820, 40.0333, 56.2407



38.9708, 40.0333, 56.5777

Triad

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



36.7820, 40.0333, 56.2407



42.3500, 40.0333, 41.0265



35.2575, 40.0333, 35.2136

Complementary

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



36.7820, 40.0333, 56.2407



41.3408, 41.4812, 33.8458

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.



37.1447, 40.0333, 32.7586



36.7820, 40.0333, 56.2407



41.2723, 40.0333, 35.8903

Square

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



36.7820, 40.0333, 56.2407



42.2437, 40.0333, 47.3675



39.3477, 40.0333, 32.9938



34.1443, 40.0333, 40.0178

Rectangle

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



36.7820, 40.0333, 56.2407



40.3725, 40.0333, 54.6828



39.3477, 40.0333, 32.9938



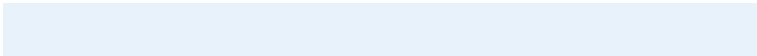
35.8192, 40.0333, 34.1081

Sweetspot

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



36.7832, 40.0349, 56.2416



82.4403, 87.6991, 102.9428



38.3050, 47.2452, 43.9033



17.5404, 18.6765, 22.0657



92.9021, 97.7402, 106.4391



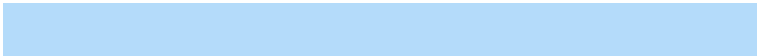
19.4759, 20.4902, 22.3138

Same Dimension

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



36.7832, 40.0349, 56.2416



61.3257, 67.1513, 100.0896



32.9060, 32.2805, 54.9492



9.9819, 10.6551, 12.8154



9.9959, 9.7483, 34.9114



0.4998, 0.5569, 1.5310

Inverse Universe

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



40.1261, 35.5355, 44.2811



68.4556, 58.0231, 74.4742



45.7519, 50.3033, 35.3162



10.3022, 10.1695, 11.6817



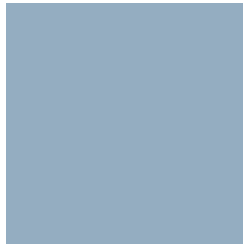
16.4414, 8.2663, 10.2367



0.7446, 0.3709, 0.6227

Previews

White Background



This preview shows how the XYZ color 36.7820, 40.0333, 56.2407 looks on a white background.

Color Contrast Check

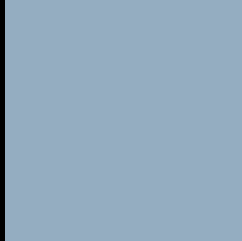
Large Text (above 18pt) WCAG AA × Fail

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 36.7820, 40.0333, 56.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

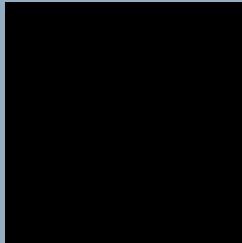
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

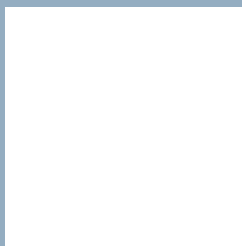
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.7820, 40.0333, 56.2407

Background



This preview shows how black text looks on a background with the XYZ color 36.7820, 40.0333, 56.2407.



This preview shows how white text looks on a background with the XYZ color 36.7820, 40.0333,

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

36.7820, 40.0333, 56.2407

Protanopia

39.0228, 39.8300, 54.3464

Deuteranopia

40.7610, 39.8491, 57.1731



Tritanopia

36.2458, 40.1060, 53.4078

Trichromacy



Original Color

36.7820, 40.0333, 56.2407

Protanomaly

38.0768, 39.8820, 54.9813

Deuteranomaly

39.2573, 39.8996, 56.6713

Tritanomaly

36.4629, 40.1929, 54.5514

Monochromacy



Original Color

36.7820, 40.0333, 56.2407

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.0085, 39.5008, 47.2688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7820, 40.0333, 56.2407 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(148, 173, 193) looks like.

```
.text, #text, p{  
    color:rgb(148, 173, 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(148, 173, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 173, 193) }
```

Border

The CSS property to change the border of an element to XYZ 36.7820, 40.0333, 56.2407 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(148, 173, 193) }
```


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

```
.border{ border-color:rgb(148, 173, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 173, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 173, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 173, 193);  
box-shadow:4px 4px 4px 4px rgb(148, 173,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7820, 40.0333, 56.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 173, 193) }
```

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

```
.background{ background-color: rgb(148,  
173, 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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