

Converting Colors

XYZ(32.5558, 39.6012, 56.3800)

Have a look what the booklet for
XYZ(32.5558, 39.6012, 56.3800)
contains.

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Color

**XYZ(32.5558, 39.6012,
56.3800)**

Conversions

Conversions Part 1

Format	Color
Hex	71B3C1
RGB	113, 179, 193
RGB Percent	44%, 70%, 76%
CMY	0.5568, 0.2980, 0.2431
CMYK	0.41, 0.07, 0.00, 0.24
HSL	190°, 39%, 60%
HSV	190°, 41%, 76%
XYZ	32.5558, 39.6012, 56.3800
YIQ	160.8620, -43.8300, -9.6380

Conversions

Conversions Part 2

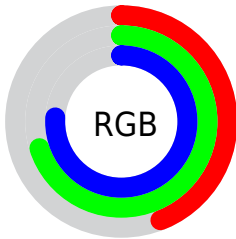
Format	Color
RYB	113, 149, 193
Decimal	7451585
CIELab	69.18, -17.34, -13.73
CIElCh	69, 22.117, 218.382
Yxy	39.6012, 0.2533, 0.3081
Android (android.graphics.Color)	4285641665 (0xFF71B3C1)
YUV	160.8620, 15.8440, -41.9750
Hunter-Lab	62.9295, -17.7818, -9.0687

Details

The XYZ color **32.5558, 39.6012, 56.3800** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.5630, 27.7090, 19.2559**, and the grayscale version is **33.7566, 35.5146, 38.6754**.

A 20% lighter version of the original color is **62.9557, 74.5810, 100.7000**, and **13.8660, 17.6853, 27.1089** is the 20% darker color. If you saturate the color by 10%, you get **29.6636, 37.1186, 56.0539**, and if you desaturate by 10%, it is **35.9950, 42.3923, 56.7382**.

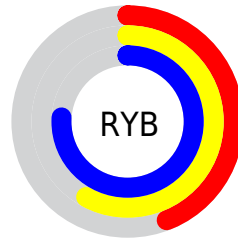
Distribution



Red (44%)

Green (70%)

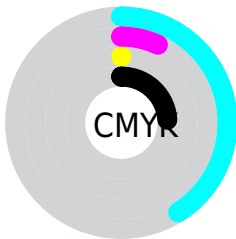
Blue (76%)



Red (44%)

Yellow (58%)

Blue (76%)

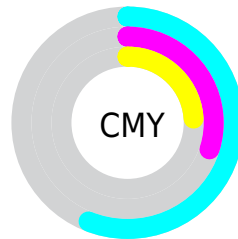


Cyan (41%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5558, 39.6012, 56.3800 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 32.5558, 39.6012, 56.3800 by changing the saturation by 10% instead.

■ 32.5558, 39.6012,
56.3800

■ 32.5558, 39.6012,
56.3800

305.3439,
344.4398, 428.5505

■ 21.9440, 27.2277,
40.1016

■ 63.0407, 74.5559,
101.0513

■ 13.9321, 17.7443,
27.3034

■ 83.6446, 97.9058,
130.2813

■ 8.1549, 10.7666,
17.5668

■ 108.3098,
125.6835, 164.6656

■ 4.2468, 5.9101,
10.4732

137.4017,
158.2731, 204.6227

■ 1.8427, 2.7905,
5.6041

171.2857,
196.0592, 250.5713

■ 0.5432, 1.0234,
2.5410

210.3272,

■ 0.0000, 0.0000,

239.4260, 302.9297

0.8618

254.8914,
288.7581, 362.1166

■ 0.0000, 0.0000,
0.0000

■ 32.5558, 39.6012,
56.3800

■ 32.5558, 39.6012,
56.3800

■ 29.6636, 37.1186,
56.0539

■ 35.9950, 42.3923,
56.7382

■ 27.2809, 34.9221,
55.7556

■ 40.0085, 45.5032,
57.1271

■ 25.3711, 32.9937,
55.4840

■ 44.6260, 48.9506,
57.5491

■ 23.8910, 31.3109,
55.2372

■ 49.8741, 52.7481,
58.0055

■ 22.7892, 29.8471,
55.0127

■ 55.7780, 56.9090,
58.4975

■ 22.0635, 28.7257,
54.8345

■ 62.3611, 61.4455,
59.0261

■ 69.6459, 66.3693,
59.5926

■ 72.9419, 69.2627,
59.9773

■ 73.7638, 70.9065,
60.2513

Harmonies

Analogous

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



31.3038, 39.6012, 46.0214



32.5558, 39.6012, 56.3800



35.1891, 39.6012, 63.8818

Triad

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



32.5558, 39.6012, 56.3800



44.3237, 39.6012, 50.7010



36.6569, 39.6012, 26.5760

Complementary

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



32.5558, 39.6012, 56.3800



32.5630, 27.7090, 19.2559

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.



40.2016, 39.6012, 27.4265



32.5558, 39.6012, 56.3800



44.7777, 39.6012, 40.3412

Square

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



32.5558, 39.6012, 56.3800



42.0229, 39.6012, 60.2621



43.2272, 39.6012, 32.1197



33.5725, 39.6012, 29.5808

Rectangle

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



32.5558, 39.6012, 56.3800



37.4481, 39.6012, 65.6688



43.2272, 39.6012, 32.1197



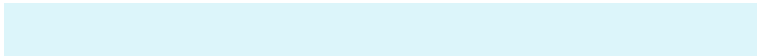
37.8321, 39.6012, 26.4312

Sweetspot

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



32.5570, 39.6027, 56.3809



79.2756, 87.1926, 103.0119



29.6684, 43.1664, 26.6209



16.7629, 18.5254, 22.0776



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.



32.5570, 39.6027, 56.3809



53.4432, 66.7589, 100.4293



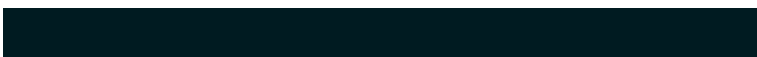
25.7661, 26.0209, 54.1173



10.2138, 11.1189, 12.8927



14.7268, 19.2101, 36.4884



0.6766, 0.9106, 1.5900

Inverse Universe

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



36.0351, 26.4034, 45.8466



60.7244, 40.5636, 78.0542



38.6707, 39.9244, 21.2918



10.4192, 10.2163, 12.2981



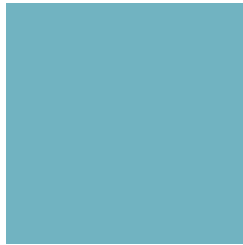
18.8294, 9.2215, 22.8114



0.8339, 0.4066, 1.0928

Previews

White Background



This preview shows how the XYZ color 32.5558, 39.6012, 56.3800 looks on a white background.

Color Contrast Check

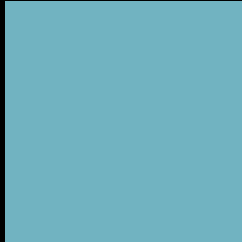
Large Text (above 18pt) WCAG AA × Fail

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 32.5558, 39.6012, 56.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

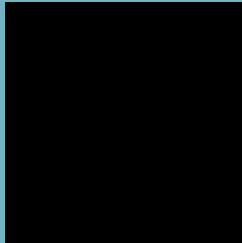
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5558, 39.6012, 56.3800

Background



This preview shows how black text looks on a background with the XYZ color 32.5558, 39.6012, 56.3800.



This preview shows how white text looks on a background with the XYZ color 32.5558, 39.6012,

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

32.5558, 39.6012, 56.3800

Protanopia

38.3016, 39.2472, 51.4557

Deuteranopia

40.0339, 39.1944, 57.6798



Tritanopia

32.5558, 39.6012, 56.3800

Trichromacy



Original Color

32.5558, 39.6012, 56.3800

Protanomaly

35.6726, 38.9597, 53.2168

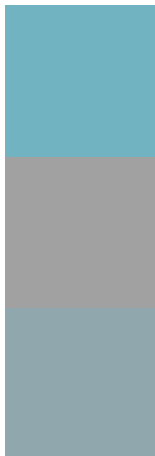
Deuteranomaly

36.6160, 38.8001, 57.1891

Tritanomaly

32.5558, 39.6012, 56.3800

Monochromacy



Original Color

32.5558, 39.6012, 56.3800

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.0471, 36.9517, 44.9258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5558, 39.6012, 56.3800 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(113, 179, 193)` looks like.

```
.text, #text, p{  
    color:rgb(113, 179, 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(113, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 179, 193) }
```

Border

The CSS property to change the border of an element to XYZ 32.5558, 39.6012, 56.3800 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(113, 179, 193) }
```


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

```
.border{ border-color:rgb(113, 179, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 179, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(113, 179,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5558, 39.6012, 56.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 179, 193) }
```

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

```
.background{ background-color: rgb(113,  
179, 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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