

Converting Colors

XYZ(37.6806, 41.7871, 55.6820)

Have a look what the booklet for
XYZ(37.6806, 41.7871, 55.6820)
contains.

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Color

**XYZ(37.6310, 41.6396,
55.9231)**

Conversions

Conversions Part 1

Format	Color
Hex	95B1C0
RGB	149, 177, 192
RGB Percent	58%, 69%, 75%
CMY	0.4157, 0.3059, 0.2471
CMYK	0.22, 0.08, 0.00, 0.25
HSL	201°, 25%, 67%
HSV	201°, 22%, 75%
XYZ	37.6310, 41.6396, 55.9231
YIQ	170.3380, -21.5030, -1.2710

Conversions

Conversions Part 2

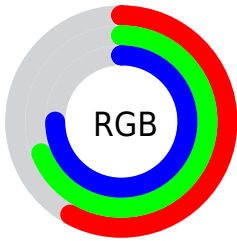
Format	Color
RYB	149, 166, 192
Decimal	9810368
CIELab	70.62, -6.22, -10.82
CIELCh	71, 12.482, 240.093
Yxy	41.6396, 0.2783, 0.3080
Android (android.graphics.Color)	4288000448 (0xFF95B1C0)
YUV	170.3380, 10.6794, -18.7134
Hunter-Lab	64.5288, -8.8301, -6.2129

Details

The XYZ color **37.6310, 41.6396, 55.9231** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4390, 39.9275, 34.0101**, and the grayscale version is **38.3341, 40.3305, 43.9199**.

A 20% lighter version of the original color is **70.9840, 77.8925, 100.1004**, and **16.7976, 18.8208, 27.1735** is the 20% darker color. If you saturate the color by 10%, you get **33.1225, 37.4006, 55.3432**, and if you desaturate by 10%, it is **42.7845, 46.3095, 56.5536**.

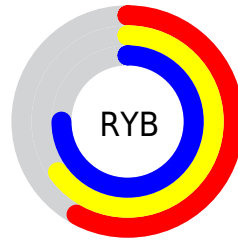
Distribution



Red (58%)

Green (69%)

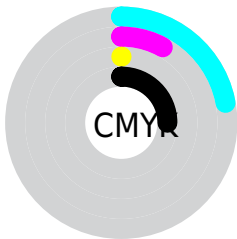
Blue (75%)



Red (58%)

Yellow (65%)

Blue (75%)

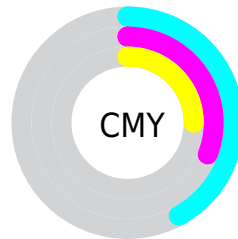


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6310, 41.6396, 55.9231 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 37.6310, 41.6396, 55.9231 by changing the saturation by 10% instead.

■ 37.6310, 41.6396,
55.9231

■ 37.6310, 41.6396,
55.9231

327.3427,
352.9868, 426.7818

■ 25.8723, 28.8192,
39.7377

■ 70.8498, 77.6539,
100.3768

■ 16.8603, 18.9441,
27.0219

■ 93.0406, 101.6165,
129.4822

■ 10.2296, 11.6299,
17.3571

119.4394,
130.0621, 163.7313

■ 5.6149, 6.4922,
10.3247

150.4118,
163.3749, 203.5427

■ 2.6508, 3.1466,
5.5064

186.3229,
201.9394, 249.3349

■ 0.9719, 1.2087,
2.4834

227.5382,

■ 0.0000, 0.0688,

246.1399, 301.5264

0.8314

274.4230,
296.3609, 360.5359

■ 0.0000, 0.0000,
0.0000

■ 37.6310, 41.6396,
55.9231

■ 37.6310, 41.6396,
55.9231

■ 33.1225, 37.4006,
55.3432

■ 42.7845, 46.3095,
56.5536

■ 29.2259, 33.5711,
54.8094

■ 48.6063, 51.4207,
57.2333

■ 25.9109, 30.1350,
54.3209

■ 55.1234, 56.9893,
57.9646

■ 23.1430, 27.0731,
53.8758

■ 62.3600, 63.0291,
58.7490

■ 20.8835, 24.3640,
53.4719

■ 70.3390, 69.5532,
59.5878

■ 19.0882, 21.9835,
53.1071

■ 75.6150, 74.7867,
60.3198

■ 17.7045, 19.9028,
52.7784

■ 77.3784, 78.3134,
60.9076

■ 16.8524, 18.4814,
52.5490

■ 79.2126, 81.9818,
61.5190

■ 81.1185, 85.7936,
62.1543

Harmonies

Analogous

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



36.2414, 41.6396, 51.2802



37.6310, 41.6396, 55.9231



39.5836, 41.6396, 57.6822

Triad

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



37.6310, 41.6396, 55.9231



43.6805, 41.6396, 45.3200



37.6202, 41.6396, 36.1973

Complementary

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



37.6310, 41.6396, 55.9231



40.4390, 39.9275, 34.0101

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.



39.5708, 41.6396, 34.8947



37.6310, 41.6396, 55.9231



43.1116, 41.6396, 39.8743

Square

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



37.6310, 41.6396, 55.9231



43.1184, 41.6396, 51.2456



41.5894, 41.6396, 36.1815



36.2353, 41.6396, 39.9036

Rectangle

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



37.6310, 41.6396, 55.9231



40.9565, 41.6396, 56.8737



41.5894, 41.6396, 36.1815



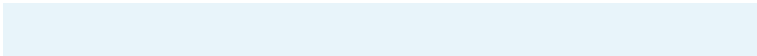
38.2292, 41.6396, 35.4790

Sweetspot

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



37.6322, 41.6413, 55.9240



82.9407, 88.7001, 103.1097



37.8857, 46.7460, 41.8341



17.6565, 18.9088, 22.1045



92.9021, 97.7402, 106.4391



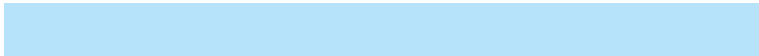
19.4759, 20.4902, 22.3138

Same Dimension

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



37.6322, 41.6413, 55.9240



63.9280, 71.4850, 100.7889



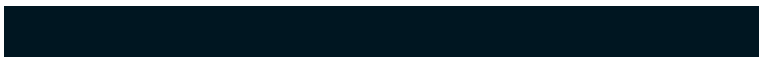
33.8262, 34.0292, 54.6554



10.0633, 10.8179, 12.8425



11.4148, 12.5861, 35.3844



0.5557, 0.6688, 1.5497

Inverse Universe

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



40.4225, 35.8767, 46.3912



69.9818, 59.4477, 80.0012



44.4780, 48.0055, 35.3564



10.3432, 10.1859, 11.8981



17.1576, 8.5528, 14.0081



0.7729, 0.3822, 0.7714

Previews

White Background



This preview shows how the XYZ color 37.6310, 41.6396, 55.9231 looks on a white background.

Color Contrast Check

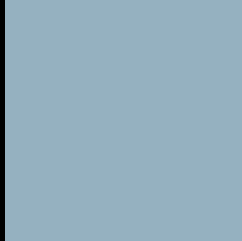
Large Text (above 18pt) WCAG AA × Fail

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 37.6310, 41.6396, 55.9231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

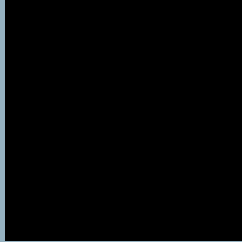
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

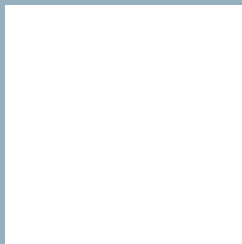
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6310, 41.6396, 55.9231

Background



This preview shows how black text looks on a background with the XYZ color 37.6310, 41.6396, 55.9231.



This preview shows how white text looks on a background with the XYZ color 37.6310, 41.6396,

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

37.6310, 41.6396, 55.9231

Protanopia

40.4346, 41.4146, 53.4396

Deuteranopia

42.3306, 41.4840, 56.8151



Tritanopia

37.5205, 41.5954, 55.3414

Trichromacy



Original Color

37.6310, 41.6396, 55.9231

Protanomaly

39.2331, 41.3478, 54.0572

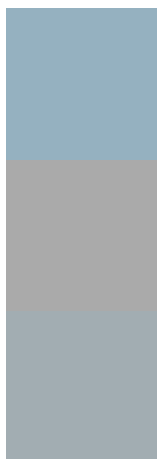
Deuteranomaly

40.3370, 41.3009, 56.2980

Tritanomaly

37.5205, 41.5954, 55.3414

Monochromacy



Original Color

37.6310, 41.6396, 55.9231

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.8797, 40.7829, 47.9949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6310, 41.6396, 55.9231 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(149, 177, 192) looks like.

```
.text, #text, p{  
    color:rgb(149, 177, 192)  
}
```

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(149, 177, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 177, 192) }
```

Border

The CSS property to change the border of an element to XYZ 37.6310, 41.6396, 55.9231 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(149, 177, 192) }
```


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

```
.border{ border-color:rgb(149, 177, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 177, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 177, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 177, 192);  
box-shadow:4px 4px 4px 4px rgb(149, 177,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6310, 41.6396, 55.9231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 177, 192) }
```

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

```
.background{ background-color: rgb(149,  
177, 192) }
```

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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