

Converting Colors

XYZ(38.2508, 41.8971, 55.5059)

Have a look what the booklet for
XYZ(38.2508, 41.8971, 55.5059)
contains.

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Color

**XYZ(38.2630, 41.9782,
55.3761)**

Conversions

Conversions Part 1

Format	Color
Hex	99B1BF
RGB	153, 177, 191
RGB Percent	60%, 69%, 75%
CMY	0.4000, 0.3059, 0.2510
CMYK	0.20, 0.07, 0.00, 0.25
HSL	202°, 23%, 67%
HSV	202°, 20%, 75%
XYZ	38.2630, 41.9782, 55.3761
YIQ	171.4200, -18.7980, -0.7340

Conversions

Conversions Part 2

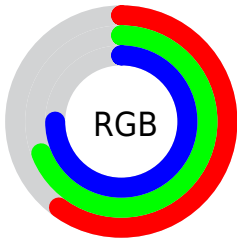
Format	Color
R _Y B	153, 168, 191
Decimal	10072511
CIE Lab	70.86, -5.19, -9.89
CIE LCh	71, 11.170, 242.321
Yxy	41.9782, 0.2821, 0.3095
Android (android.graphics.Color)	4288262591 (0xFF99B1BF)
YUV	171.4200, 9.6529, -16.1543
Hunter-Lab	64.7906, -7.9678, -5.3214

Details

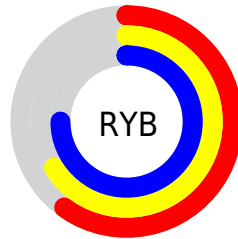
The XYZ color **38.2630, 41.9782, 55.3761** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0547, 41.0137, 35.8906**, and the grayscale version is **38.8806, 40.9054, 44.5460**.

A 20% lighter version of the original color is **71.9398, 78.4031, 99.3374**, and **17.1619, 19.0170, 26.8109** is the 20% darker color. If you saturate the color by 10%, you get **33.5887, 37.5594, 54.7702**, and if you desaturate by 10%, it is **43.5885, 46.8413, 56.0348**.

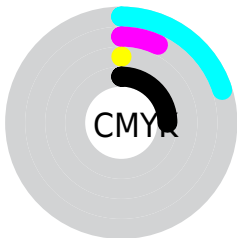
Distribution



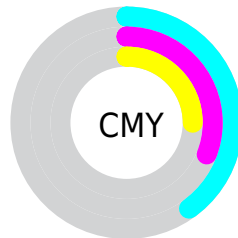
- Red (60%)
- Green (69%)
- Blue (75%)



- Red (60%)
- Yellow (66%)
- Blue (75%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2630, 41.9782, 55.3761 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 38.2630, 41.9782, 55.3761 by changing the saturation by 10% instead.

■ 38.2630, 41.9782,
55.3761

■ 38.2630, 41.9782,
55.3761

330.0082,
354.3926, 424.6581

■ 26.3650, 29.0842,
39.3023

■ 71.8124, 78.1666,
99.5685

■ 17.2310, 19.1445,
26.6853

■ 94.1945, 102.2299,
128.5241

■ 10.4957, 11.7748,
17.1067

120.8020,
130.7850, 162.6107

■ 5.7936, 6.5905,
10.1478

152.0003,
164.2164, 202.2469

■ 2.7594, 3.2074,
5.3902

188.1547,
202.9084, 247.8512

■ 1.0279, 1.2409,
2.4153

229.6306,

■ 0.0000, 0.0948,

247.2456, 299.8421

0.7947

276.7933,
297.6121, 358.6382

■ 0.0000, 0.0000,
0.0000

■ 38.2630, 41.9782,
55.3761

■ 38.2630, 41.9782,
55.3761

■ 33.5887, 37.5594,
54.7702

■ 43.5885, 46.8413,
56.0348

■ 29.5335, 33.5634,
54.2127

■ 49.5881, 52.1587,
56.7449

■ 26.0678, 29.9745,
53.7026

■ 56.2881, 57.9466,
57.5090

■ 23.1581, 26.7738,
53.2381

■ 63.7123, 64.2188,
58.3283

■ 20.7672, 23.9403,
52.8172

■ 71.8831, 70.9884,
59.2043

■ 18.8529, 21.4506,
52.4376

■ 76.0326, 75.7986,
59.9141

■ 17.3656, 19.2773,
52.0965

■ 77.9096, 79.5526,
60.5398

■ 16.2097, 17.3692,
51.7891

■ 79.8651, 83.4636,
61.1916

■ 16.1982, 17.3499,
51.7860

■ 81.9001, 87.5336,
61.8699

Harmonies

Analogous

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



36.9565, 41.9782, 51.3967



38.2630, 41.9782, 55.3761



40.0439, 41.9782, 56.7072

Triad

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



38.2630, 41.9782, 55.3761



43.5748, 41.9782, 45.2941



38.0199, 41.9782, 37.5973

Complementary

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



38.2630, 41.9782, 55.3761



41.0547, 41.0137, 35.8906

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.



39.7545, 41.9782, 36.2303



38.2630, 41.9782, 55.3761



42.9937, 41.9782, 40.4538

Square

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



38.2630, 41.9782, 55.3761



43.1459, 41.9782, 50.6246



41.5810, 41.9782, 37.2347



36.8192, 41.9782, 41.1189

Rectangle

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



38.2630, 41.9782, 55.3761



41.2708, 41.9782, 55.8365



41.5810, 41.9782, 37.2347



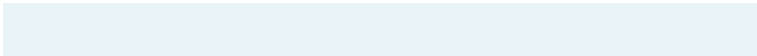
38.5579, 41.9782, 36.8834

Sweetspot

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



38.2643, 41.9799, 55.3770



82.0041, 87.4129, 100.8294



38.7374, 46.8222, 43.5237



17.8542, 19.0587, 22.1230



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.



38.2643, 41.9799, 55.3770



64.6340, 71.5384, 98.6808



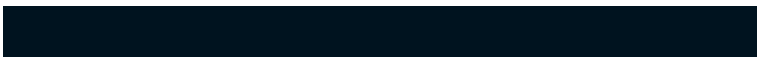
34.7799, 35.0113, 54.2156



9.5051, 10.2025, 12.1405



10.7241, 11.5600, 34.0590



0.4805, 0.5738, 1.3543

Inverse Universe

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



40.8139, 37.0342, 46.5941



70.1181, 61.2609, 79.7087



44.7812, 48.4667, 37.1327



9.7768, 9.6350, 11.2136



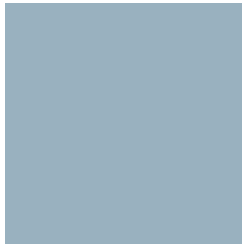
16.4138, 8.1967, 12.7386



0.6735, 0.3333, 0.6597

Previews

White Background



This preview shows how the XYZ color 38.2630, 41.9782, 55.3761 looks on a white background.

Color Contrast Check

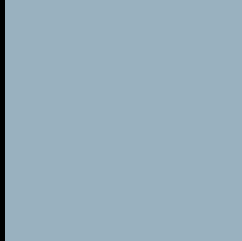
Large Text (above 18pt) WCAG AA × Fail

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 38.2630, 41.9782, 55.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

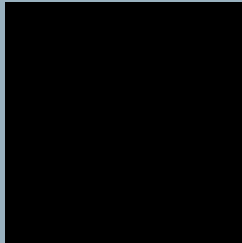
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

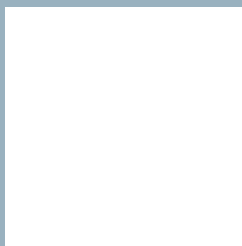
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2630, 41.9782, 55.3761

Background



This preview shows how black text looks on a background with the XYZ color 38.2630, 41.9782, 55.3761.



This preview shows how white text looks on a background with the XYZ color 38.2630, 41.9782,

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

38.2630, 41.9782, 55.3761

Protanopia

40.8429, 41.9065, 53.5131

Deuteranopia

42.6843, 41.6793, 56.2473



Tritanopia

38.2630, 41.9782, 55.3761

Trichromacy



Original Color

38.2630, 41.9782, 55.3761

Protanomaly

39.8384, 41.9456, 54.1407

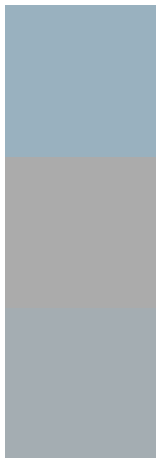
Deuteranomaly

40.8719, 41.5895, 55.7426

Tritanomaly

38.2630, 41.9782, 55.3761

Monochromacy



Original Color

38.2630, 41.9782, 55.3761

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.2893, 40.9940, 48.0141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2630, 41.9782, 55.3761 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(153, 177, 191)` looks like.

```
.text, #text, p{  
    color:rgb(153, 177, 191)  
}
```

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(153, 177, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 177, 191) }
```

Border

The CSS property to change the border of an element to XYZ 38.2630, 41.9782, 55.3761 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(153, 177, 191) }
```


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

```
.border{ border-color:rgb(153, 177, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 177, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 177, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 177, 191);  
box-shadow:4px 4px 4px 4px rgb(153, 177,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2630, 41.9782, 55.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 177, 191) }
```

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

```
.background{ background-color: rgb(153,  
177, 191) }
```

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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