

Converting Colors

XYZ(38.6758, 44.6187, 55.2890)

Have a look what the booklet for
XYZ(38.6758, 44.6187, 55.2890)
contains.

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Color

**XYZ(38.6758, 44.6187,
55.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	93B9BE
RGB	147, 185, 190
RGB Percent	58%, 73%, 75%
CMY	0.4235, 0.2745, 0.2549
CMYK	0.23, 0.03, 0.00, 0.25
HSL	187°, 25%, 66%
HSV	187°, 23%, 75%
XYZ	38.6758, 44.6187, 55.2890
YIQ	174.2080, -24.2530, -6.5010

Conversions

Conversions Part 2

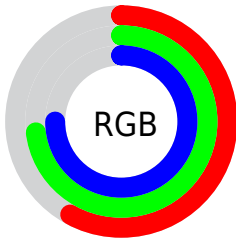
Format	Color
RYB	147, 167, 190
Decimal	9681342
CIELab	72.64, -11.56, -6.73
CIELCh	73, 13.374, 210.222
Yxy	44.6187, 0.2791, 0.3220
Android (android.graphics.Color)	4287871422 (0xFF93B9BE)
YUV	174.2080, 7.7855, -23.8614
Hunter-Lab	66.7972, -13.5431, -2.3171

Details

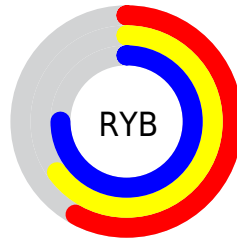
The XYZ color **38.6758, 44.6187, 55.2890** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.7302, 35.5101, 32.4700**, and the grayscale version is **40.3102, 42.4095, 46.1839**.

A 20% lighter version of the original color is **72.4470, 82.1210, 99.2213**, and **17.4859, 20.7416, 26.7488** is the 20% darker color. If you saturate the color by 10%, you get **35.0881, 42.0898, 54.9907**, and if you desaturate by 10%, it is **42.8360, 47.4556, 55.6180**.

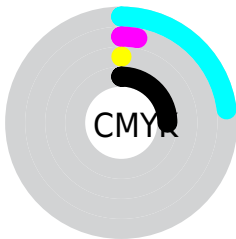
Distribution



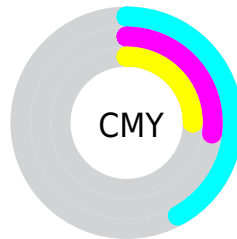
- Red (58%)
- Green (73%)
- Blue (75%)



- Red (58%)
- Yellow (65%)
- Blue (75%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (42%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6758, 44.6187, 55.2890 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 38.6758, 44.6187, 55.2890 by changing the saturation by 10% instead.

■ 38.6758, 44.6187,
55.2890

■ 38.6758, 44.6187,
55.2890

331.7411,
365.2271, 424.3193

■ 26.6872, 31.1572,
39.2330

■ 72.4400, 82.1479,
99.4396

■ 17.4738, 20.7186,
26.6318

■ 94.9464, 106.9845,
128.3714

■ 10.6703, 12.9184,
17.0669

121.6894,
136.3814, 162.4321

■ 5.9112, 7.3724,
10.1197

153.0343,
170.7233, 202.0403

■ 2.8313, 3.6961,
5.3718

189.3466,
210.3944, 247.6146

■ 1.0652, 1.5050,
2.4045

230.9916,

■ 0.0000, 0.2923,

255.7791, 299.5735

0.7889

278.3347,
307.2619, 358.3355

■ 0.0000, 0.0000,
0.0000

■ 38.6758, 44.6187,
55.2890

■ 38.6758, 44.6187,
55.2890

■ 35.0881, 42.0898,
54.9907

■ 42.8360, 47.4556,
55.6180

■ 32.0414, 39.8493,
54.7188

■ 47.5906, 50.6085,
55.9760

■ 29.5070, 37.8835,
54.4730

■ 52.9650, 54.0917,
56.3651

■ 27.4520, 36.1753,
54.2515

■ 58.9819, 57.9169,
56.7863

■ 25.8395, 34.7057,
54.0529

■ 65.6632, 62.0955,
57.2407

■ 24.6275, 33.4529,
53.8749

■ 70.7863, 65.4816,
57.6243

■ 23.7654, 32.3909,
53.7154

■ 71.2956, 66.5002,
57.7940

■ 23.2822, 31.6933,
53.6062

■ 71.8123, 67.5335,
57.9663

■ 72.3364, 68.5817,
58.1410

Harmonies

Analogous

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



38.1094, 44.6187, 48.6316



38.6758, 44.6187, 55.2890



40.2352, 44.6187, 60.5145

Triad

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



38.6758, 44.6187, 55.2890



46.3928, 44.6187, 55.1958



42.3915, 44.6187, 36.9115

Complementary

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



38.6758, 44.6187, 55.2890



37.7302, 35.5101, 32.4700

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.



44.6592, 44.6187, 38.3315



38.6758, 44.6187, 55.2890



47.0199, 44.6187, 48.5328

Square

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



38.6758, 44.6187, 55.2890



44.6901, 44.6187, 60.4574



46.3745, 44.6187, 42.4409



40.2064, 44.6187, 38.3737

Rectangle

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



38.6758, 44.6187, 55.2890



41.6569, 44.6187, 62.2664



46.3745, 44.6187, 42.4409



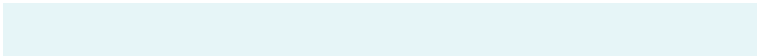
43.1696, 44.6187, 37.0659

Sweetspot

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



38.6771, 44.6205, 55.2900



82.2418, 89.0753, 101.1378



36.0571, 45.2748, 36.2453



17.9438, 19.4834, 22.2002



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.



38.6771, 44.6205, 55.2900



66.8360, 78.5865, 99.9252



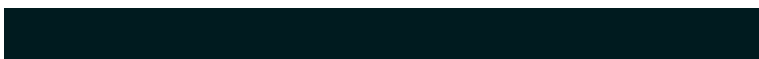
34.6389, 36.5441, 53.9439



9.7114, 10.6150, 12.2093



15.5182, 21.1482, 35.6570



0.6350, 0.8827, 1.4058

Inverse Universe

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



40.4269, 35.3182, 50.5875



70.5841, 58.9760, 89.7812



41.4076, 42.8650, 33.6958



9.8809, 9.6767, 11.7619



18.8337, 9.1646, 25.4814



0.7514, 0.3645, 1.0703

Previews

White Background



This preview shows how the XYZ color 38.6758, 44.6187, 55.2890 looks on a white background.

Color Contrast Check

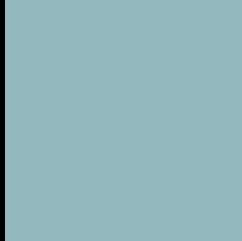
Large Text (above 18pt) WCAG AA × Fail

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 38.6758, 44.6187, 55.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

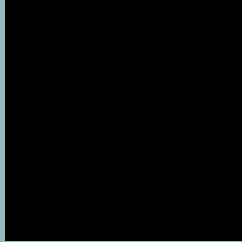
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6758, 44.6187, 55.2890

Background



This preview shows how black text looks on a background with the XYZ color 38.6758, 44.6187, 55.2890.



This preview shows how white text looks on a background with the XYZ color 38.6758, 44.6187,

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

38.6758, 44.6187, 55.2890

Protanopia

43.0695, 44.5308, 52.2242

Deuteranopia

45.3082, 44.4288, 56.6397



Tritanopia

39.7280, 44.7478, 59.9694

Trichromacy



Original Color

38.6758, 44.6187, 55.2890

Protanomaly

41.2272, 44.4459, 53.4197

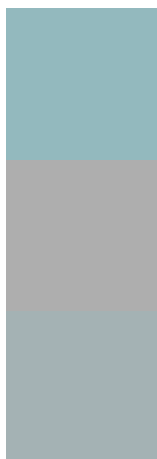
Deuteranomaly

42.4701, 44.1343, 56.1495

Tritanomaly

39.2036, 44.5170, 58.1562

Monochromacy



Original Color

38.6758, 44.6187, 55.2890

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.4685, 43.0286, 49.4052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6758, 44.6187, 55.2890 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(147, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(147, 185, 190)  
}
```

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(147, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 185, 190) }
```

Border

The CSS property to change the border of an element to XYZ 38.6758, 44.6187, 55.2890 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(147, 185, 190) }
```


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

```
.border{ border-color:rgb(147, 185, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 185, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(147, 185,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6758, 44.6187, 55.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 185, 190) }
```

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

```
.background{ background-color: rgb(147,  
185, 190) }
```

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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