

Converting Colors

XYZ(38.9877, 45.2164, 62.2091)

Have a look what the booklet for
XYZ(38.9877, 45.2164, 62.2091)
contains.

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Color

**XYZ(38.9604, 45.2467,
61.9384)**

Conversions

Conversions Part 1

Format	Color
Hex	8BBBC9
RGB	139, 187, 201
RGB Percent	55%, 73%, 79%
CMY	0.4549, 0.2667, 0.2118
CMYK	0.31, 0.07, 0.00, 0.21
HSL	194°, 36%, 67%
HSV	194°, 31%, 79%
XYZ	38.9604, 45.2467, 61.9384
YIQ	174.2440, -33.1020, -5.8220

Conversions

Conversions Part 2

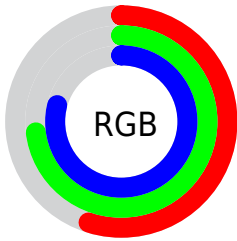
Format	Color
RYB	139, 166, 201
Decimal	9157577
CIELab	73.05, -12.43, -12.17
CIELCh	73, 17.401, 224.395
Yxy	45.2467, 0.2666, 0.3096
Android (android.graphics.Color)	4287347657 (0xFF8BBC9)
YUV	174.2440, 13.1907, -30.9090
Hunter-Lab	67.2657, -14.3274, -7.5084

Details

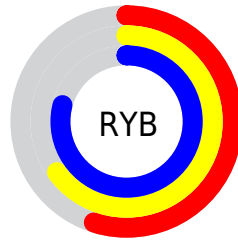
The XYZ color **38.9604, 45.2467, 61.9384** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1394, 37.0644, 29.4657**, and the grayscale version is **40.3051, 42.4041, 46.1781**.

A 20% lighter version of the original color is **72.3487, 82.7905, 106.7747**, and **17.6293, 21.1352, 30.7541** is the 20% darker color. If you saturate the color by 10%, you get **34.9606, 41.7791, 61.4807**, and if you desaturate by 10%, it is **43.6104, 49.0969, 62.4372**.

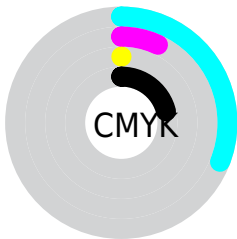
Distribution



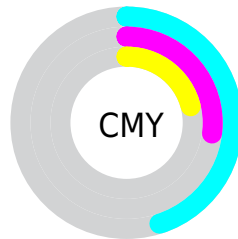
- Red (55%)
- Green (73%)
- Blue (79%)



- Red (55%)
- Yellow (65%)
- Blue (79%)



- Cyan (31%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (45%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9604, 45.2467, 61.9384 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 38.9604, 45.2467, 61.9384 by changing the saturation by 10% instead.

■ 38.9604, 45.2467,
61.9384

■ 38.9604, 45.2467,
61.9384

332.9322,
367.7718, 449.7078

■ 26.9095, 31.6518,
44.5475

■ 72.8723, 83.0905,
109.2072

■ 17.6415, 21.0957,
30.7608

■ 95.4640, 108.1082,
139.9222

■ 10.7910, 13.1940,
20.1598

■ 122.3000,
137.7022, 175.9156

■ 5.9928, 7.5622,
12.3260

153.7457,
172.2570, 217.6059

■ 2.8813, 3.8161,
6.8409

190.1664,
212.1570, 265.4118

■ 1.0913, 1.5713,
3.2859

231.9274,

■ 0.0178, 0.3381,

257.7865, 319.7517

1.2424

279.3943,
309.5300, 381.0442

■ 0.0000, 0.0000,
0.0139

■ 0.0000, 0.0000,
0.0000

■ 38.9604, 45.2467,
61.9384

■ 38.9604, 45.2467,
61.9384

■ 34.9606, 41.7791,
61.4807

■ 43.6104, 49.0969,
62.4372

■ 31.5728, 38.6706,
61.0592

■ 48.9380, 53.3409,
62.9756

■ 28.7609, 35.9034,
60.6733

■ 54.9741, 57.9960,
63.5560

■ 26.4832, 33.4555,
60.3209

■ 61.7463, 63.0770,
64.1798

■ 24.6923, 31.3020,
59.9996

■ 69.2806, 68.5978,
64.8483

■ 23.3317, 29.4134,
59.7068

■ 75.8881, 73.6878,
65.4825

■ 22.3677, 27.8669,
59.4591

■ 77.0543, 76.0202,
65.8713

■ 78.2528, 78.4173,
66.2708

■ 79.4839, 80.8793,
66.6811

Harmonies

Analogous

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



37.5856, 45.2467, 53.5487



38.9604, 45.2467, 61.9384



41.4514, 45.2467, 67.2241

Triad

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



38.9604, 45.2467, 61.9384



48.8884, 45.2467, 53.9106



41.5679, 45.2467, 34.7573

Complementary

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



38.9604, 45.2467, 61.9384



40.1394, 37.0644, 29.4657

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.



44.5982, 45.2467, 34.8298



38.9604, 45.2467, 61.9384



48.9232, 45.2467, 45.2179

Square

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



38.9604, 45.2467, 61.9384



47.2286, 45.2467, 62.2301



47.3216, 45.2467, 38.4519



39.0422, 45.2467, 38.2403

Rectangle

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



38.9604, 45.2467, 61.9384



43.4554, 45.2467, 67.9255



47.3216, 45.2467, 38.4519



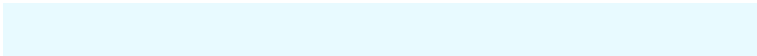
42.5590, 45.2467, 34.3809

Sweetspot

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



38.9618, 45.2485, 61.9394



85.4742, 92.6427, 107.9846



37.2381, 49.5444, 37.4936



17.9843, 19.5867, 23.0827



0.0000, 0.0000, 0.0000



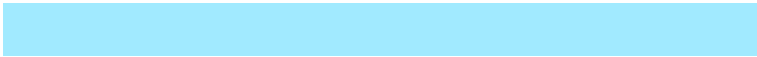
20.3446, 21.4041, 23.3091

Same Dimension

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



38.9618, 45.2485, 61.9394



62.0145, 73.4348, 105.5136



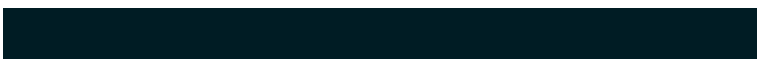
33.1748, 33.6746, 60.0105



10.7358, 11.6457, 13.5995



14.1350, 17.6639, 37.4088



0.7206, 0.9391, 1.7884

Inverse Universe

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



42.2908, 34.4717, 51.4405



68.7318, 52.5508, 84.1356



45.7715, 48.3285, 31.3430



10.9767, 10.7741, 12.8604



18.9340, 9.3232, 20.6602



0.9224, 0.4518, 1.1147

Previews

White Background



This preview shows how the XYZ color 38.9604, 45.2467, 61.9384 looks on a white background.

Color Contrast Check

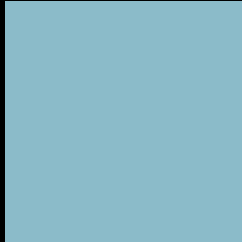
Large Text (above 18pt) WCAG AA × Fail

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 38.9604, 45.2467, 61.9384 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 38.9604, 45.2467, 61.9384

Background



This preview shows how black text looks on a background with the XYZ color 38.9604, 45.2467, 61.9384.



This preview shows how white text looks on a background with the XYZ color 38.9604, 45.2467,

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

38.9604, 45.2467, 61.9384

Protanopia

43.9022, 45.1280, 58.0264

Deuteranopia

45.8023, 44.8221, 63.3642



Tritanopia

39.0785, 45.2939, 62.5601

Trichromacy



Original Color

38.9604, 45.2467, 61.9384

Protanomaly

41.7062, 44.8655, 59.2851

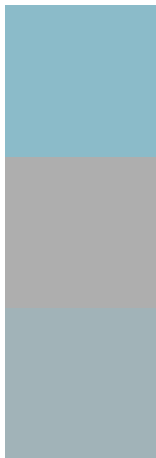
Deuteranomaly

43.0480, 44.8768, 62.8931

Tritanomaly

39.0785, 45.2939, 62.5601

Monochromacy



Original Color

38.9604, 45.2467, 61.9384

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.4698, 43.2780, 51.6206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9604, 45.2467, 61.9384 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(139, 187, 201)` looks like.

```
.text, #text, p{  
    color:rgb(139, 187, 201)  
}
```

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(139, 187, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 187, 201) }
```

Border

The CSS property to change the border of an element to XYZ 38.9604, 45.2467, 61.9384 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(139, 187, 201) }
```


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

```
.border{ border-color:rgb(139, 187, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 187, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 187, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 187, 201);  
box-shadow:4px 4px 4px 4px rgb(139, 187,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9604, 45.2467, 61.9384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 187, 201) }
```

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

```
.background{ background-color: rgb(139,  
187, 201) }
```

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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