

Converting Colors

XYZ(37.1245, 43.8189, 55.2164)

Have a look what the booklet for
XYZ(37.1245, 43.8189, 55.2164)
contains.

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Color

**XYZ(37.1245, 43.8189,
55.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB9BE
RGB	138, 185, 190
RGB Percent	54%, 73%, 75%
CMY	0.4588, 0.2745, 0.2549
CMYK	0.27, 0.03, 0.00, 0.25
HSL	186°, 29%, 64%
HSV	186°, 27%, 75%
XYZ	37.1245, 43.8189, 55.2164
YIQ	171.5170, -29.6170, -8.4090

Conversions

Conversions Part 2

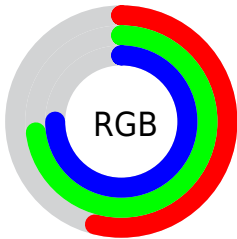
Format	Color
RYB	138, 163, 190
Decimal	9091518
CIELab	72.11, -14.28, -7.58
CIELCh	72, 16.168, 207.960
Yxy	43.8189, 0.2727, 0.3218
Android (android.graphics.Color)	4287281598 (0xFF8AB9BE)
YUV	171.5170, 9.1121, -29.3944
Hunter-Lab	66.1958, -15.7349, -3.1189

Details

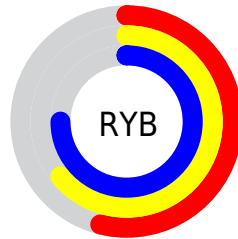
The XYZ color **37.1245, 43.8189, 55.2164** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6457, 32.4275, 28.4262**, and the grayscale version is **38.9360, 40.9638, 44.6095**.

A 20% lighter version of the original color is **70.0822, 80.9019, 99.1107**, and **16.6044, 20.2871, 26.7076** is the 20% darker color. If you saturate the color by 10%, you get **33.8726, 41.5801, 54.9564**, and if you desaturate by 10%, it is **40.9338, 46.3546, 55.5058**.

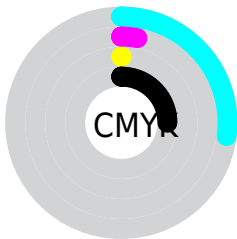
Distribution



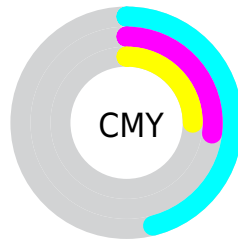
- Red (54%)
- Green (73%)
- Blue (75%)



- Red (54%)
- Yellow (64%)
- Blue (75%)



- Cyan (27%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (46%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1245, 43.8189, 55.2164 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 37.1245, 43.8189, 55.2164 by changing the saturation by 10% instead.

■ 37.1245, 43.8189,
55.2164

■ 37.1245, 43.8189,
55.2164

325.1954,
361.9687, 424.0367

■ 25.4780, 30.5282,
39.1752

■ 70.0768, 80.9452,
99.3323

■ 16.5642, 20.2398,
26.5872

■ 92.1134, 105.5495,
128.2441

■ 10.0176, 12.5695,
17.0337

■ 118.3440,
134.6938, 162.2831

■ 5.4730, 7.1328,
10.0963

149.1340,
168.7624, 201.8680

■ 2.5650, 3.5453,
5.3564

184.8488,
208.1399, 247.4173

■ 0.9281, 1.4226,
2.3955

225.8537,

■ 0.0000, 0.2333,

253.2105, 299.3495

0.7840

272.5141,
304.3586, 358.0831

■ 0.0000, 0.0000,
0.0000

■ 37.1245, 43.8189,
55.2164

■ 37.1245, 43.8189,
55.2164

■ 33.8726, 41.5801,
54.9564

■ 40.9338, 46.3546,
55.5058

■ 31.1456, 39.6180,
54.7214

■ 45.3232, 49.1955,
55.8228

■ 28.9135, 37.9183,
54.5110

■ 50.3189, 52.3563,
56.1696

■ 27.1417, 36.4630,
54.3235

■ 55.9443, 55.8491,
56.5473

■ 25.7911, 35.2322,
54.1571

■ 62.2215, 59.6854,
56.9569

■ 24.8162, 34.2021,
54.0096

■ 69.1716, 63.8759,
57.3994

■ 24.1515, 33.3390,
53.8781

■ 70.6797, 65.2684,
57.5887

■ 23.9974, 33.1238,
53.8446

■ 71.0991, 66.1072,
57.7285

■ 71.5235, 66.9560,
57.8700

Harmonies

Analogous

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



36.5555, 43.8189, 47.1710



37.1245, 43.8189, 55.2164



38.8898, 43.8189, 61.8254

Triad

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



37.1245, 43.8189, 55.2164



46.3224, 43.8189, 56.2583



41.8382, 43.8189, 34.0486

Complementary

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



37.1245, 43.8189, 55.2164



35.6457, 32.4275, 28.4262

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.



44.5348, 43.8189, 35.9275



37.1245, 43.8189, 55.2164



47.1940, 43.8189, 48.2557

Square

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



37.1245, 43.8189, 55.2164



44.1927, 43.8189, 62.4722



46.5260, 43.8189, 40.9191



39.2040, 43.8189, 35.4805

Rectangle

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



37.1245, 43.8189, 55.2164



40.5488, 43.8189, 64.2154



46.5260, 43.8189, 40.9191



42.7681, 43.8189, 34.3091

Sweetspot

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



37.1258, 43.8207, 55.2174



81.4868, 88.7358, 101.1120



33.8032, 44.1941, 32.4724



17.6149, 19.3065, 22.1834



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.



37.1258, 43.8207, 55.2174



63.5252, 76.8432, 99.7632



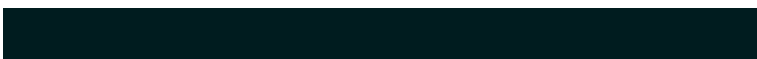
32.2896, 34.1482, 53.6053



9.7281, 10.6485, 12.2148



15.9883, 22.0883, 35.8137



0.6493, 0.9113, 1.4105

Inverse Universe

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



39.0817, 32.6280, 50.1389



67.7222, 53.2721, 88.7660



39.8878, 40.9116, 29.8402



9.8894, 9.6800, 11.8064



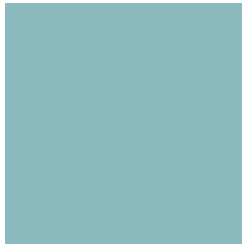
19.0709, 9.2595, 26.7308



0.7586, 0.3674, 1.1083

Previews

White Background



This preview shows how the XYZ color 37.1245, 43.8189, 55.2164 looks on a white background.

Color Contrast Check

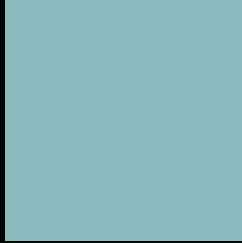
Large Text (above 18pt) WCAG AA × Fail

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 37.1245, 43.8189, 55.2164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

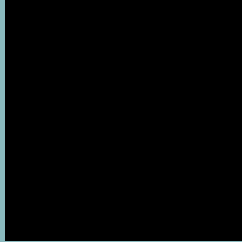
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1245, 43.8189, 55.2164

Background



This preview shows how black text looks on a background with the XYZ color 37.1245, 43.8189, 55.2164.



This preview shows how white text looks on a background with the XYZ color 37.1245, 43.8189,

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

37.1245, 43.8189, 55.2164

Protanopia

42.1132, 43.4677, 51.5179

Deuteranopia

44.4382, 43.4152, 56.4899



Tritanopia

38.1487, 43.9336, 59.8955

Trichromacy



Original Color

37.1245, 43.8189, 55.2164

Protanomaly

40.0873, 43.5719, 52.7518

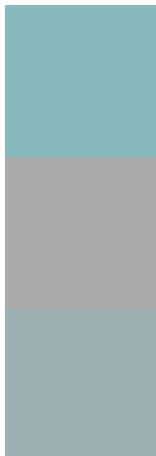
Deuteranomaly

41.4019, 43.2915, 56.0431

Tritanomaly

37.6383, 43.7101, 58.0829

Monochromacy



Original Color

37.1245, 43.8189, 55.2164

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.3560, 42.1725, 48.7664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1245, 43.8189, 55.2164 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(138, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(138, 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(138, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 185, 190) }
```

Border

The CSS property to change the border of an element to XYZ 37.1245, 43.8189, 55.2164 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(138, 185, 190) }
```


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

```
.border{ border-color:rgb(138, 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(138, 185, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(138, 185,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1245, 43.8189, 55.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 185, 190) }
```

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

```
.background{ background-color: rgb(138,  
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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