

Converting Colors

XYZ(37.4085, 44.6723, 55.9426)

Have a look what the booklet for
XYZ(37.4085, 44.6723, 55.9426)
contains.

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Color

**XYZ(37.3276, 44.5365,
55.9192)**

Conversions

Conversions Part 1

Format	Color
Hex	88BBBF
RGB	136, 187, 191
RGB Percent	53%, 73%, 75%
CMY	0.4667, 0.2667, 0.2510
CMYK	0.29, 0.02, 0.00, 0.25
HSL	184°, 30%, 64%
HSV	184°, 29%, 75%
XYZ	37.3276, 44.5365, 55.9192
YIQ	172.2070, -31.6800, -9.5680

Conversions

Conversions Part 2

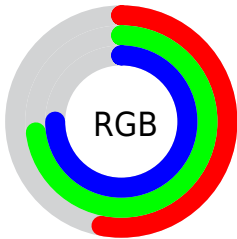
Format	Color
R_{YB}	136, 162, 191
Decimal	8960959
CIE _{Lab}	72.59, -15.68, -7.43
CIE _{LCh}	73, 17.349, 205.356
Yxy	44.5365, 0.2709, 0.3232
Android (android.graphics.Color)	4287151039 (0xFF88BBBF)
YUV	172.2070, 9.2649, -31.7535
Hunter-Lab	66.7357, -16.9461, -2.9653

Details

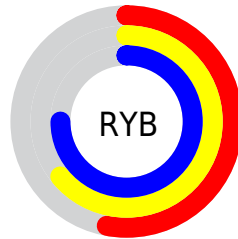
The XYZ color **37.3276, 44.5365, 55.9192** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.3083, 31.6102, 27.5338**, and the grayscale version is **39.2845, 41.3304, 45.0088**.

A 20% lighter version of the original color is **70.3250, 81.8930, 100.0961**, and **16.7687, 20.7700, 27.1700** is the 20% darker color. If you saturate the color by 10%, you get **34.2051, 42.4928, 55.6900**, and if you desaturate by 10%, it is **41.0084, 46.8745, 56.1772**.

Distribution



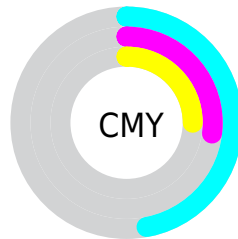
- Red (53%)
- Green (73%)
- Blue (75%)



- Red (53%)
- Yellow (64%)
- Blue (75%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)



- Cyan (47%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3276, 44.5365, 55.9192 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 37.3276, 44.5365, 55.9192 by changing the saturation by 10% instead.

■ 37.3276, 44.5365,
55.9192

■ 37.3276, 44.5365,
55.9192

326.0576,
364.8931, 426.7667

■ 25.6361, 31.0925,
39.7346

■ 70.3869, 82.0244,
100.3710

■ 16.6828, 20.6693,
27.0195

■ 92.4854, 106.8372,
129.4754

■ 10.1025, 12.8825,
17.3553

■ 118.7836,
136.2083, 163.7233

■ 5.5298, 7.3477,
10.3235

149.6469,
170.5221, 203.5334

■ 2.5992, 3.6805,
5.5056

185.4406,
210.1632, 249.3243

■ 0.9456, 1.4965,
2.4830

226.5300,

■ 0.0000, 0.2862,

255.5157, 301.5145

0.8311

273.2806,
306.9643, 360.5224

■ 0.0000, 0.0000,
0.0000

■ 37.3276, 44.5365,
55.9192

■ 37.3276, 44.5365,
55.9192

■ 34.2051, 42.4928,
55.6900

■ 41.0084, 46.8745,
56.1772

■ 31.6075, 40.7228,
55.4853

■ 45.2707, 49.5154,
56.4623

■ 29.5041, 39.2117,
55.3045

■ 50.1412, 52.4740,
56.7767

■ 27.8593, 37.9413,
55.1460

■ 55.6438, 55.7628,
57.1215

■ 26.6327, 36.8906,
55.0078

■ 61.8012, 59.3934,
57.4977

■ 25.7768, 36.0352,
54.8878

■ 68.6347, 63.3769,
57.9064

■ 25.2116, 35.3338,
54.7822

■ 70.5472, 64.8278,
58.0857

■ 25.1497, 35.2528,
54.7699

■ 70.8633, 65.4600,
58.1911

■ 71.1823, 66.0980,
58.2974

Harmonies

Analogous

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



36.8360, 44.5365, 47.1671



37.3276, 44.5365, 55.9192



39.1345, 44.5365, 63.3978

Triad

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



37.3276, 44.5365, 55.9192



47.2573, 44.5365, 58.5063



42.7995, 44.5365, 33.8164

Complementary

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



37.3276, 44.5365, 55.9192



35.3083, 31.6102, 27.5338

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.



45.6962, 44.5365, 36.1285



37.3276, 44.5365, 55.9192



48.3461, 44.5365, 49.8429

Square

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



37.3276, 44.5365, 55.9192



44.8500, 44.5365, 65.0109



47.7618, 44.5365, 41.7546



39.9074, 44.5365, 35.0401

Rectangle

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



37.3276, 44.5365, 55.9192



40.8886, 44.5365, 66.3023



47.7618, 44.5365, 41.7546



43.8061, 44.5365, 34.1973

Sweetspot

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



37.3289, 44.5383, 55.9202



80.7958, 88.5074, 101.1044



33.4940, 44.3802, 31.4840



17.4814, 19.2753, 22.1844



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.



37.3289, 44.5383, 55.9202



62.9681, 77.2357, 99.8683



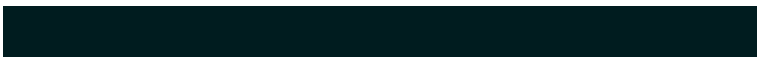
32.1000, 34.0805, 54.1773



9.7476, 10.6876, 12.2214



16.5532, 23.2180, 36.0020



0.6663, 0.9453, 1.4162

Inverse Universe

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



39.2607, 32.2735, 51.1759



67.0731, 51.6042, 89.6897



39.7798, 40.5533, 29.0243



9.8992, 9.6840, 11.8583



19.3560, 9.3736, 28.2322



0.7672, 0.3708, 1.1535

Previews

White Background



This preview shows how the XYZ color 37.3276, 44.5365, 55.9192 looks on a white background.

Color Contrast Check

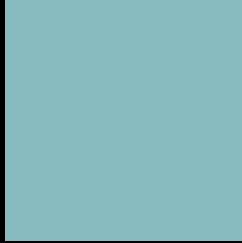
Large Text (above 18pt) WCAG AA × Fail

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 37.3276, 44.5365, 55.9192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

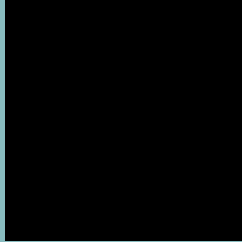
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3276, 44.5365, 55.9192

Background



This preview shows how black text looks on a background with the XYZ color 37.3276, 44.5365, 55.9192.



This preview shows how white text looks on a background with the XYZ color 37.3276, 44.5365,

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

37.3276, 44.5365, 55.9192

Protanopia

42.6424, 44.0184, 52.1479

Deuteranopia

45.1747, 44.3470, 57.2178



Tritanopia

38.4655, 44.6912, 61.2425

Trichromacy



Original Color

37.3276, 44.5365, 55.9192

Protanomaly

40.3952, 44.0169, 53.3808

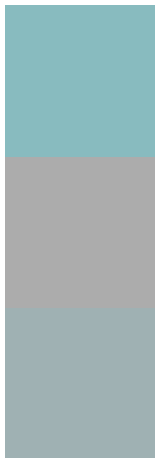
Deuteranomaly

41.6945, 44.0159, 56.7505

Tritanomaly

37.9535, 44.4674, 59.4060

Monochromacy



Original Color

37.3276, 44.5365, 55.9192

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.1569, 42.0699, 48.7570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3276, 44.5365, 55.9192 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(136, 187, 191)` looks like.

```
.text, #text, p{  
    color:rgb(136, 187, 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(136, 187, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 187, 191) }
```

Border

The CSS property to change the border of an element to XYZ 37.3276, 44.5365, 55.9192 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(136, 187, 191) }
```


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

```
.border{ border-color:rgb(136, 187, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 187, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 187, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 187, 191);  
box-shadow:4px 4px 4px 4px rgb(136, 187,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3276, 44.5365, 55.9192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 187, 191) }
```

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

```
.background{ background-color: rgb(136,  
187, 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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