

Converting Colors

XYZ(41.3661, 54.9978, 55.2586)

Have a look what the booklet for
XYZ(41.3661, 54.9978, 55.2586)
contains.

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Color

**XYZ(41.3172, 54.8435,
55.4219)**

Conversions

Conversions Part 1

Format	Color
Hex	81D3BB
RGB	129, 211, 187
RGB Percent	51%, 83%, 73%
CMY	0.4941, 0.1725, 0.2667
CMYK	0.39, 0.00, 0.11, 0.17
HSL	162°, 48%, 67%
HSV	162°, 39%, 83%
XYZ	41.3172, 54.8435, 55.4219
YIQ	183.7460, -41.1680, -24.8480

Conversions

Conversions Part 2

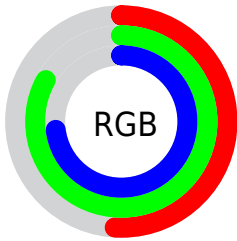
Format	Color
RYB	129, 177, 211
Decimal	8508347
CIELab	78.95, -30.51, 4.02
CIELCh	79, 30.773, 172.491
Yxy	54.8435, 0.2726, 0.3618
Android (android.graphics.Color)	4286698427 (0xFF81D3BB)
YUV	183.7460, 1.6042, -48.0122
Hunter-Lab	74.0564, -30.0108, 7.4684

Details

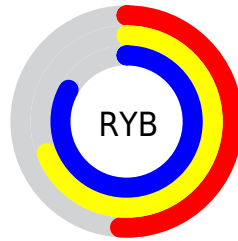
The XYZ color **41.3172, 54.8435, 55.4219** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.4659, 31.8508, 34.1543**, and the grayscale version is **45.4288, 47.7946, 52.0484**.

A 20% lighter version of the original color is **71.9452, 88.3054, 98.0467**, and **19.0156, 26.9540, 26.7547** is the 20% darker color. If you saturate the color by 10%, you get **37.7903, 53.1015, 51.8800**, and if you desaturate by 10%, it is **45.5374, 56.9425, 59.1471**.

Distribution



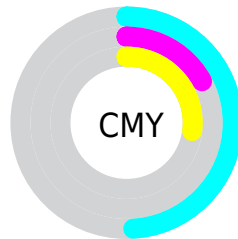
- Red (51%)
- Green (83%)
- Blue (73%)



- Red (51%)
- Yellow (69%)
- Blue (83%)



- Cyan (39%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)



- Cyan (49%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3172, 54.8435, 55.4219 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 41.3172, 54.8435, 55.4219 by changing the saturation by 10% instead.

■ 41.3172, 54.8435,
55.4219

■ 41.3172, 54.8435,
55.4219

342.6846,
405.3184, 424.8362

■ 28.7558, 39.2764,
39.3387

■ 76.4368, 97.3116,
99.6362

■ 19.0395, 26.9748,
26.7135

■ 99.7258, 124.9815,
128.6044

■ 11.8030, 17.5543,
17.1276

■ 127.3213,
157.4544, 162.7046

■ 6.6809, 10.6305,
10.1626

159.5887,
195.1147, 202.3555

■ 3.3079, 5.8190,
5.3999

196.8934,
238.3469, 247.9756

■ 1.3186, 2.7353,
2.4209

239.6007,

■ 0.1971, 0.9952,

287.5353, 299.9833

0.7978

288.0760,
343.0644, 358.7974

■ 0.0000, 0.0000,
0.0000

■ 41.3172, 54.8435,
55.4219

■ 41.3172, 54.8435,
55.4219

■ 37.7903, 53.1015,
51.8800

■ 45.5374, 56.9425,
59.1471

■ 34.9107, 51.6885,
48.5139

■ 50.4842, 59.4112,
63.0553

■ 32.6340, 50.5832,
45.3207

■ 56.1941, 62.2701,
67.1514

■ 30.9079, 49.7585,
42.2962

■ 62.6999, 65.5358,
71.4385

■ 29.6711, 49.1829,
39.4354

■ 70.0325, 69.2243,
75.9198

■ 28.8258, 48.8061,
36.7319

■ 77.9978, 73.2354,
80.5879

■ 28.7393, 48.7681,
36.4334

■ 78.8512, 73.5768,
85.0821

■ 79.7354, 73.9305,
89.7382

■ 80.6507, 74.2966,
94.5579

Harmonies

Analogous

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



43.3451, 54.8435, 41.4686



41.3172, 54.8435, 55.4219



42.0005, 54.8435, 73.5455

Triad

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



41.3172, 54.8435, 55.4219



56.7557, 54.8435, 96.5447



59.6192, 54.8435, 36.7879

Complementary

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



41.3172, 54.8435, 55.4219



40.4659, 31.8508, 34.1543

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.



63.7631, 54.8435, 47.7375



41.3172, 54.8435, 55.4219



62.0217, 54.8435, 82.6553

Square

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



41.3172, 54.8435, 55.4219



50.6056, 54.8435, 99.7091



64.6750, 54.8435, 64.2248



53.6788, 54.8435, 32.1649

Rectangle

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



41.3172, 54.8435, 55.4219



43.9287, 54.8435, 85.4718



64.6750, 54.8435, 64.2248



61.2869, 54.8435, 39.7349

Sweetspot

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



41.3187, 54.8457, 55.4232



83.2658, 94.0878, 100.9957



40.5089, 55.0066, 29.2522



17.5710, 20.0128, 21.4386



0.0000, 0.0000, 0.0000



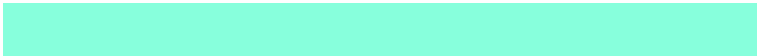
20.3446, 21.4041, 23.3091

Same Dimension

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



41.3187, 54.8457, 55.4232



58.6834, 81.8464, 80.3589



40.2385, 48.2235, 68.8178



12.0047, 13.3456, 14.3814



17.3901, 29.4490, 22.2322



1.0061, 1.6601, 1.4206

Inverse Universe

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



40.4659, 31.8508, 34.1543



57.2025, 41.5409, 43.1481



41.0148, 35.8087, 25.5200



11.9491, 11.8644, 13.0075



16.7723, 8.5818, 3.7073



0.9725, 0.4937, 0.3900

Previews

White Background



This preview shows how the XYZ color 41.3172, 54.8435, 55.4219 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 41.3172, 54.8435, 55.4219 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

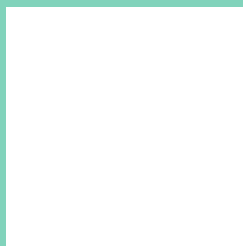
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3172, 54.8435, 55.4219

Background



This preview shows how black text looks on a background with the XYZ color 41.3172, 54.8435, 55.4219.

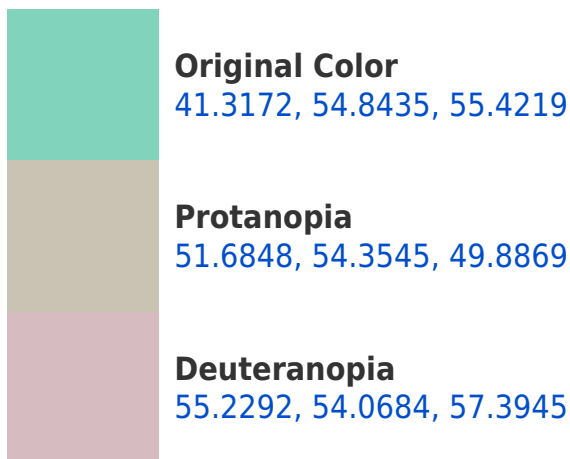


This preview shows how white text looks on a background with the XYZ color 41.3172, 54.8435,

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





Tritanopia

45.7374, 54.8198, 77.2779

Trichromacy



Original Color

41.3172, 54.8435, 55.4219



Protanomaly

46.6740, 53.7587, 51.6326



Deuteranomaly

48.5626, 53.2648, 56.4368



Tritanomaly

44.0562, 54.8661, 68.5898

Monochromacy



Original Color

41.3172, 54.8435, 55.4219



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

43.3586, 49.9789, 53.2606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3172, 54.8435, 55.4219 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(129, 211, 187)` looks like.

```
.text, #text, p{  
    color:rgb(129, 211, 187)  
}
```

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(129, 211, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 211, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.3172, 54.8435, 55.4219 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(129, 211, 187) }
```


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

```
.border{ border-color:rgb(129, 211, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 211, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 211, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 211, 187);  
box-shadow:4px 4px 4px 4px rgb(129, 211,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3172, 54.8435, 55.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 211, 187) }
```

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

```
.background{ background-color: rgb(129,  
211, 187) }
```

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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