

Converting Colors

XYZ(40.5161, 55.6081, 52.8540)

Have a look what the booklet for
XYZ(40.5161, 55.6081, 52.8540)
contains.

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Color

**XYZ(40.5161, 55.6081,
52.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	7AD6B6
RGB	122, 214, 182
RGB Percent	48%, 84%, 71%
CMY	0.5216, 0.1608, 0.2863
CMYK	0.43, 0.00, 0.15, 0.16
HSL	159°, 53%, 66%
HSV	159°, 43%, 84%
XYZ	40.5161, 55.6081, 52.8540
YIQ	182.8440, -44.5600, -29.4560

Conversions

Conversions Part 2

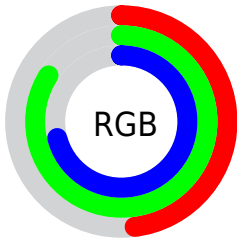
Format	Color
RYB	122, 178, 214
Decimal	8050358
CIELab	79.39, -34.87, 7.28
CIELCh	79, 35.619, 168.200
Yxy	55.6081, 0.2720, 0.3733
Android (android.graphics.Color)	4286240438 (0xFF7AD6B6)
YUV	182.8440, -0.4161, -53.3602
Hunter-Lab	74.5708, -33.5157, 10.1763

Details

The XYZ color **40.5161, 55.6081, 52.8540** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.5257, 30.5497, 34.3347**, and the grayscale version is **44.9452, 47.2859, 51.4943**.

A 20% lighter version of the original color is **69.5527, 87.1580, 94.0463**, and **18.6074, 27.5395, 25.1038** is the 20% darker color. If you saturate the color by 10%, you get **37.0644, 53.9167, 48.7835**, and if you desaturate by 10%, it is **44.6789, 57.6643, 57.1737**.

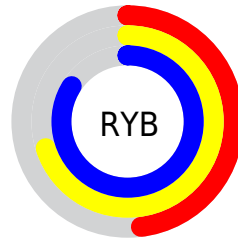
Distribution



Red (48%)

Green (84%)

Blue (71%)



Red (48%)

Yellow (70%)

Blue (84%)

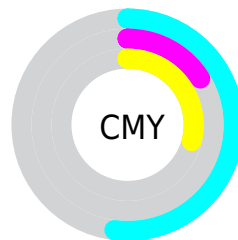


Cyan (43%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (52%)


Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5161, 55.6081, 52.8540 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 40.5161, 55.6081, 52.8540 by changing the saturation by 10% instead.


 40.5161, 55.6081,
52.8540


 40.5161, 55.6081,
52.8540


339.3913,
408.2129, 414.7751


 28.1272, 39.8888,
37.2993


 75.2281, 98.4313,
95.8289

 18.5625, 27.4519,
25.1417


 98.2819, 126.3041,
124.0861

 11.4567, 17.9129,
15.9627


 125.6214,
158.9968, 157.4146

 6.4444, 10.8874,
9.3437

157.6119,
196.8937, 196.2330

 3.1604, 5.9912,
4.8662

194.6188,
240.3795, 240.9596

 1.2391, 2.8397,
2.1116

237.0074,

 0.1369, 1.0486,

289.8383, 292.0132

0.6227

285.1432,
345.6547, 349.8122

■ 0.0000, 0.0000,
0.0000

■ 40.5161, 55.6081,
52.8540

■ 40.5161, 55.6081,
52.8540

■ 37.0644, 53.9167,
48.7835

■ 44.6789, 57.6643,
57.1737

■ 34.2744, 52.5603,
44.9531

■ 49.5892, 60.0995,
61.7439

■ 32.0973, 51.5152,
41.3581


■ 55.2860, 62.9354,
66.5707


■ 30.4752, 50.7518,
37.9926


■ 61.8045, 66.1900,
71.6590


■ 29.3386, 50.2343,
34.8498


■ 69.1775, 69.8800,
77.0132

 28.7491, 49.9757,
32.7737

 77.4362, 74.0216,
82.6377

 80.1546, 75.3019,
88.2348

 81.2476, 75.7391,
93.9904

 82.3861, 76.1945,
99.9856

Harmonies

Analogous

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



43.2611, 55.6081, 37.9300



40.5161, 55.6081, 52.8540



40.8494, 55.6081, 73.6843

Triad

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



40.5161, 55.6081, 52.8540



57.2611, 55.6081, 106.1344



62.5482, 55.6081, 35.7016

Complementary

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



40.5161, 55.6081, 52.8540



40.5257, 30.5497, 34.3347

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.



67.0059, 55.6081, 49.0734



40.5161, 55.6081, 52.8540



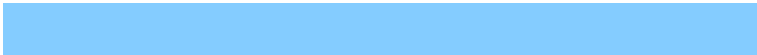
63.7691, 55.6081, 90.7356

Square

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



40.5161, 55.6081, 52.8540



50.0943, 55.6081, 107.7954



67.4719, 55.6081, 68.9541



55.7129, 55.6081, 29.6269

Rectangle

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



40.5161, 55.6081, 52.8540



42.7775, 55.6081, 88.2786



67.4719, 55.6081, 68.9541



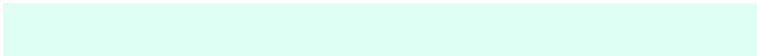
64.3999, 55.6081, 39.3332

Sweetspot

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



40.5176, 55.6103, 52.8553



82.0869, 93.5254, 98.8916



40.9257, 56.3903, 27.1406



17.1443, 19.8061, 20.8175



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.



40.5176, 55.6103, 52.8553



55.3360, 80.2841, 72.8209



40.8660, 50.3960, 71.1945



12.6002, 14.0311, 14.9749



17.4271, 30.2262, 20.0764



1.0895, 1.8385, 1.4131

Inverse Universe

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



40.5257, 30.5497, 34.3347



55.3656, 38.1242, 41.7430



40.0221, 33.2548, 22.7226



12.5998, 12.4914, 13.8329



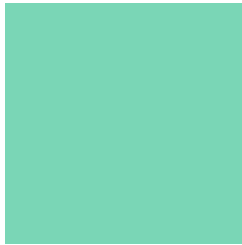
17.5625, 8.9613, 5.0004



1.0978, 0.5559, 0.5043

Previews

White Background



This preview shows how the XYZ color 40.5161, 55.6081, 52.8540 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 40.5161, 55.6081, 52.8540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

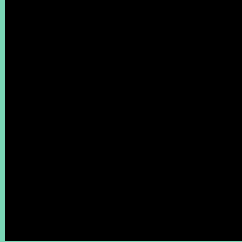
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5161, 55.6081, 52.8540

Background



This preview shows how black text looks on a background with the XYZ color 40.5161, 55.6081, 52.8540.

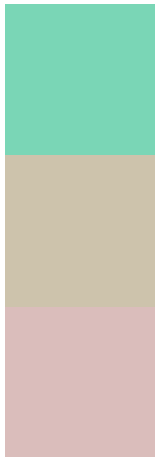


This preview shows how white text looks on a background with the XYZ color 40.5161, 55.6081,

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

40.5161, 55.6081, 52.8540

Protanopia

52.1383, 54.9879, 46.8955

Deuteranopia

56.0807, 54.8885, 54.6525



Tritanopia

45.8193, 55.5345, 79.5385

Trichromacy



Original Color

40.5161, 55.6081, 52.8540



Protanomaly

46.6362, 54.4896, 49.1339



Deuteranomaly

48.4795, 53.9582, 53.7588



Tritanomaly

43.6085, 55.3638, 68.7095

Monochromacy



Original Color

40.5161, 55.6081, 52.8540



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.5370, 49.5795, 52.1276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5161, 55.6081, 52.8540 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(122, 214, 182)` looks like.

```
.text, #text, p{  
    color:rgb(122, 214, 182)  
}
```

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(122, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 214, 182) }
```

Border

The CSS property to change the border of an element to XYZ 40.5161, 55.6081, 52.8540 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(122, 214, 182) }
```


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

```
.border{ border-color:rgb(122, 214, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 214, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 214, 182); box-shadow:4px 4px 4px 4px rgb(122, 214, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5161, 55.6081, 52.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 214, 182) }
```

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

```
.background{ background-color: rgb(122,  
214, 182) }
```

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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