

Converting Colors

XYZ(40.8376, 52.6261, 62.0383)

Have a look what the booklet for
XYZ(40.8376, 52.6261, 62.0383)
contains.

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Color

**XYZ(40.8376, 52.6261,
62.0383)**

Conversions

Conversions Part 1

Format	Color
Hex	7DCEC7
RGB	125, 206, 199
RGB Percent	49%, 81%, 78%
CMY	0.5098, 0.1921, 0.2196
CMYK	0.39, 0.00, 0.03, 0.19
HSL	175°, 45%, 65%
HSV	175°, 39%, 81%
XYZ	40.8376, 52.6261, 62.0383
YIQ	180.9830, -46.0290, -19.3490

Conversions

Conversions Part 2

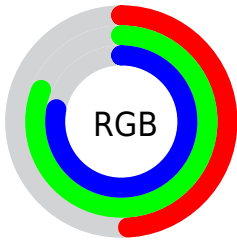
Format	Color
R _Y B	125, 167, 206
Decimal	8244935
CIE Lab	77.65, -26.39, -4.33
CIE LCh	78, 26.741, 189.324
Yxy	52.6261, 0.2626, 0.3384
Android (android.graphics.Color)	4286435015 (0xFF7DCEC7)
YUV	180.9830, 8.8824, -49.0971
Hunter-Lab	72.5438, -26.4675, 0.0769

Details

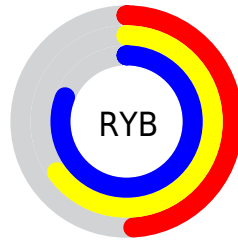
The XYZ color **40.8376, 52.6261, 62.0383** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.9539, 29.4566, 25.5699**, and the grayscale version is **43.8844, 46.1698, 50.2790**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **18.7032, 25.4796, 30.7204** is the 20% darker color. If you saturate the color by 10%, you get **37.9314, 51.1529, 60.8303**, and if you desaturate by 10%, it is **44.3730, 54.4259, 63.2907**.

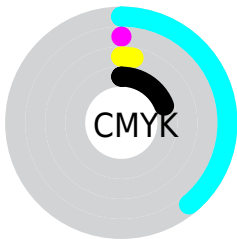
Distribution



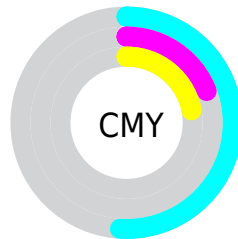
- Red (49%)
- Green (81%)
- Blue (78%)



- Red (49%)
- Yellow (65%)
- Blue (81%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (51%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8376, 52.6261, 62.0383 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 40.8376, 52.6261, 62.0383 by changing the saturation by 10% instead.

■ 40.8376, 52.6261,
62.0383

■ 40.8376, 52.6261,
62.0383

340.7156,
396.8490, 450.0823

■ 28.3793, 37.5044,
44.6277

■ 75.7136, 94.0540,
109.3530

■ 18.7537, 25.5982,
30.8234

■ 98.8620, 121.1289,
140.0942

■ 11.5954, 16.5233,
20.2071

■ 126.3045,
152.9570, 176.1159

■ 6.5390, 9.8952,
12.3601

158.4064,
189.9226, 217.8368

■ 3.2193, 5.3295,
6.8639

195.5331,
232.4103, 265.6753

■ 1.2708, 2.4419,
3.3000

238.0500,

■ 0.1612, 0.8473,

280.8043, 320.0500

1.2498

286.3224,
335.4890, 381.3795

■ 0.0000, 0.0000,
0.0201

■ 0.0000, 0.0000,
0.0000

■ 40.8376, 52.6261,
62.0383

■ 40.8376, 52.6261,
62.0383

■ 37.9314, 51.1529,
60.8303

■ 44.3730, 54.4259,
63.2907

■ 35.6109, 49.9801,
59.6611

■ 48.5684, 56.5644,
64.5855

■ 33.8344, 49.0875,
58.5299

■ 53.4584, 59.0607,
65.9256

■ 32.5528, 48.4498,
57.4344

■ 59.0734, 61.9305,
67.3123

■ 31.7080, 48.0369,
56.3718

■ 65.4424, 65.1886,
68.7471

■ 31.2010, 47.7979,
55.3375

■ 72.5926, 68.8493,
70.2313

■ 31.1703, 47.7836,
55.2677

■ 75.1287, 70.1310,
71.5125

■ 75.3539, 70.2210,
72.6984

■ 75.5816, 70.3121,
73.8975

Harmonies

Analogous

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



41.2838, 52.6261, 47.8254



40.8376, 52.6261, 62.0383



42.7171, 52.6261, 77.3014

Triad

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



40.8376, 52.6261, 62.0383



56.5871, 52.6261, 82.2655



53.6121, 52.6261, 34.5794

Complementary

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



40.8376, 52.6261, 62.0383



36.9539, 29.4566, 25.5699

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.



58.1100, 52.6261, 41.0871



40.8376, 52.6261, 62.0383



59.9081, 52.6261, 67.9519

Square

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



40.8376, 52.6261, 62.0383



51.6474, 52.6261, 90.2347



60.4839, 52.6261, 52.8110



48.4262, 52.6261, 33.5490

Rectangle

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



40.8376, 52.6261, 62.0383



45.1175, 52.6261, 85.4392



60.4839, 52.6261, 52.8110



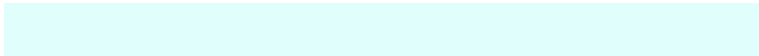
55.2643, 52.6261, 36.1377

Sweetspot

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



40.8391, 52.6282, 62.0395



84.2516, 94.4821, 106.1868



35.4633, 50.6201, 27.3048



17.8042, 20.1061, 22.6666



0.0000, 0.0000, 0.0000



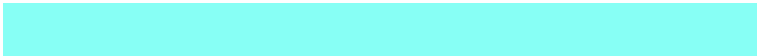
20.3446, 21.4041, 23.3091

Same Dimension

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



40.8391, 52.6282, 62.0395



62.2022, 83.2539, 98.8891



34.6586, 38.9358, 64.0835



11.4998, 12.7097, 14.1894



19.2110, 29.4297, 34.1259



1.0037, 1.5233, 1.8268

Inverse Universe

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



36.9539, 29.4566, 25.5699



55.0752, 40.6900, 31.9461



41.2819, 38.8539, 24.7270



11.2510, 11.2292, 11.8566



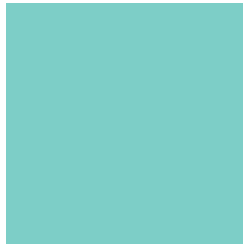
15.7550, 8.1126, 1.1628



0.8267, 0.4241, 0.1332

Previews

White Background



This preview shows how the XYZ color 40.8376, 52.6261, 62.0383 looks on a white background.

Color Contrast Check

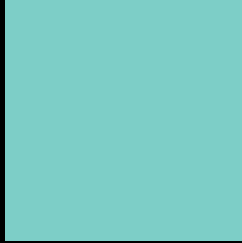
Large Text (above 18pt) WCAG AA × Fail

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 40.8376, 52.6261, 62.0383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

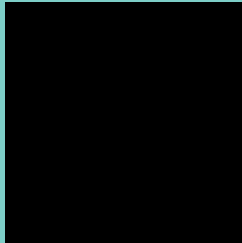
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8376, 52.6261, 62.0383

Background



This preview shows how black text looks on a background with the XYZ color 40.8376, 52.6261, 62.0383.

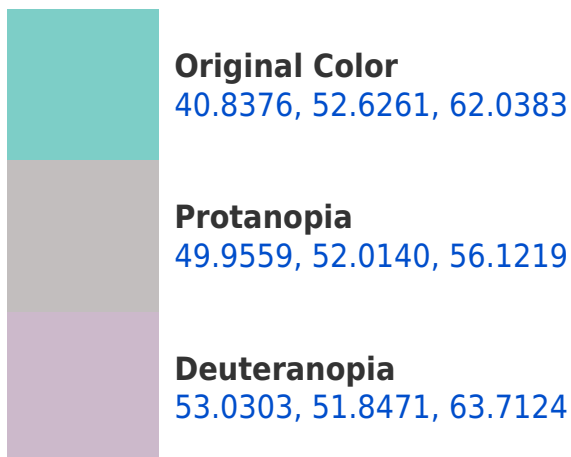


This preview shows how white text looks on a background with the XYZ color 40.8376, 52.6261,

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

43.3480, 52.5722, 74.8806

Trichromacy



Original Color

40.8376, 52.6261, 62.0383

Protanomaly

45.7278, 51.7651, 58.0336

Deuteranomaly

47.4098, 51.5182, 63.3223

Tritanomaly

42.3786, 52.5284, 70.1928

Monochromacy



Original Color

40.8376, 52.6261, 62.0383

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.1885, 48.0348, 54.6250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8376, 52.6261, 62.0383 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(125, 206, 199)` looks like.

```
.text, #text, p{  
    color:rgb(125, 206, 199)  
}
```

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(125, 206, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 206, 199) }
```

Border

The CSS property to change the border of an element to XYZ 40.8376, 52.6261, 62.0383 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(125, 206, 199) }
```


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

```
.border{ border-color:rgb(125, 206, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 206, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 206, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 206, 199);  
box-shadow:4px 4px 4px 4px rgb(125, 206,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8376, 52.6261, 62.0383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 206, 199) }
```

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

```
.background{ background-color: rgb(125,  
206, 199) }
```

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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