

Converting Colors

XYZ(41.2783, 53.5670, 63.8236)

Have a look what the booklet for
XYZ(41.2783, 53.5670, 63.8236)
contains.

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Color

**XYZ(41.2426, 53.5136,
64.0326)**

Conversions

Conversions Part 1

Format	Color
Hex	7AD0CA
RGB	122, 208, 202
RGB Percent	48%, 82%, 79%
CMY	0.5216, 0.1843, 0.2078
CMYK	0.41, 0.00, 0.03, 0.18
HSL	176°, 48%, 65%
HSV	176°, 41%, 82%
XYZ	41.2426, 53.5136, 64.0326
YIQ	181.6020, -49.3300, -20.0980

Conversions

Conversions Part 2

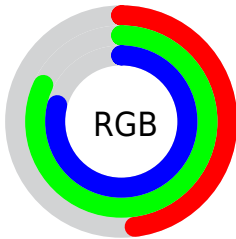
Format	Color
RYB	122, 167, 208
Decimal	8048842
CIELab	78.18, -27.40, -5.19
CIElCh	78, 27.888, 190.721
Yxy	53.5136, 0.2597, 0.3370
Android (android.graphics.Color)	4286238922 (0xFF7AD0CA)
YUV	181.6020, 10.0562, -52.2710
Hunter-Lab	73.1530, -27.3820, -0.6909

Details

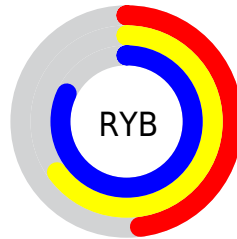
The XYZ color **41.2426, 53.5136, 64.0326** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.8701, 28.8890, 24.0569**, and the grayscale version is **44.2147, 46.5173, 50.6573**.

A 20% lighter version of the original color is **72.1701, 88.2050, 107.8292**, and **18.9165, 26.0444, 32.0470** is the 20% darker color. If you saturate the color by 10%, you get **38.4361, 52.0879, 63.0093**, and if you desaturate by 10%, it is **44.6841, 55.2691, 65.0964**.

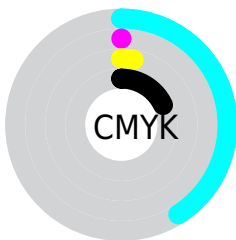
Distribution



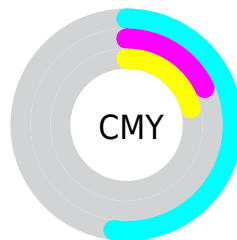
- Red (48%)
- Green (82%)
- Blue (79%)



- Red (48%)
- Yellow (65%)
- Blue (82%)



- Cyan (41%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (52%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2426, 53.5136, 64.0326 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 41.2426, 53.5136, 64.0326 by changing the saturation by 10% instead.

■ 41.2426, 53.5136,
64.0326

■ 41.2426, 53.5136,
64.0326

342.3788,
400.2525, 457.5180

■ 28.6972, 38.2129,
46.2307

■ 76.3244, 95.3597,
112.2578

■ 18.9950, 26.1480,
32.0780

■ 99.5915, 122.6739,
143.5182

■ 11.7707, 16.9344,
21.1557

■ 127.1633,
154.7614, 180.1019

■ 6.6588, 10.1877,
13.0455

159.4050,
192.0067, 222.4274

■ 3.2941, 5.5236,
7.3288

196.6821,
234.7940, 270.9132

■ 1.3111, 2.5576,
3.5870

239.3598,

■ 0.1915, 0.9054,

283.5078, 325.9779

1.4016

287.8036,
338.5325, 388.0400

■ 0.0000, 0.0000,
0.1430

■ 0.0000, 0.0000,
0.0000

■ 41.2426, 53.5136,
64.0326

■ 41.2426, 53.5136,
64.0326

■ 38.4361, 52.0879,
63.0093

■ 44.6841, 55.2691,
65.0964

■ 36.2194, 50.9647,
62.0208


■ 48.7930, 57.3672,
66.1988


■ 34.5486, 50.1228,
61.0663


■ 53.6050, 59.8275,
67.3425


■ 33.3720, 49.5354,
60.1433


■ 59.1518, 62.6665,
68.5292


 32.6275, 49.1707,
59.2488


 65.4633, 65.8995,
69.7601

 32.2368, 48.9855,
58.4933

 72.5678, 69.5411,
71.0367

 75.7011, 71.1353,
72.1361

 75.8853, 71.2089,
73.1060

 76.0711, 71.2833,
74.0847

Harmonies

Analogous

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



41.5957, 53.5136, 48.9061



41.2426, 53.5136, 64.0326



43.3245, 53.5136, 80.1299

Triad

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



41.2426, 53.5136, 64.0326



58.0131, 53.5136, 84.1118



54.4034, 53.5136, 34.2742

Complementary

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



41.2426, 53.5136, 64.0326



36.8701, 28.8890, 24.0569

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.



59.2290, 53.5136, 40.7937



41.2426, 53.5136, 64.0326



61.4139, 53.5136, 68.7525

Square

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



41.2426, 53.5136, 64.0326



52.8382, 53.5136, 93.0240



61.8741, 53.5136, 52.8587



48.9378, 53.5136, 33.4665

Rectangle

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



41.2426, 53.5136, 64.0326



45.9065, 53.5136, 88.5736



61.8741, 53.5136, 52.8587



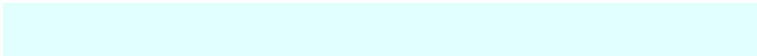
56.1642, 53.5136, 35.8071

Sweetspot

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



41.2442, 53.5157, 64.0338



84.3326, 94.5145, 106.6136



35.1490, 51.1992, 26.4434



17.8234, 20.1137, 22.7677



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.



41.2442, 53.5157, 64.0338



61.2372, 82.7306, 100.0116



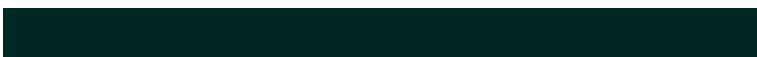
34.1971, 38.2620, 65.2598



12.1213, 13.3923, 14.9950



20.1059, 30.5353, 36.5332



1.1351, 1.7117, 2.1003

Inverse Universe

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



36.8701, 28.8890, 24.0569



53.3664, 38.3571, 28.0323



41.7256, 39.2138, 23.7834



11.8417, 11.8214, 12.4424



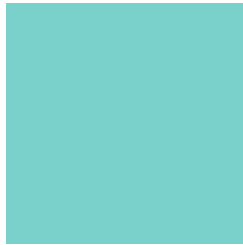
16.2772, 8.3837, 1.1000



0.9221, 0.4736, 0.1246

Previews

White Background



This preview shows how the XYZ color 41.2426, 53.5136, 64.0326 looks on a white background.

Color Contrast Check

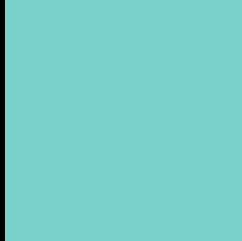
Large Text (above 18pt) WCAG AA × Fail

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 41.2426, 53.5136, 64.0326 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

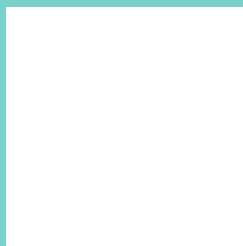
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2426, 53.5136, 64.0326

Background



This preview shows how black text looks on a background with the XYZ color 41.2426, 53.5136, 64.0326.

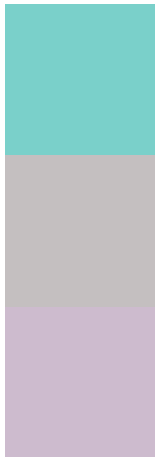


This preview shows how white text looks on a background with the XYZ color 41.2426, 53.5136,

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

41.2426, 53.5136, 64.0326

Protanopia

50.9102, 52.8031, 57.3779

Deuteranopia

54.0877, 52.9760, 65.7672



Tritanopia

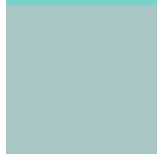
43.7685, 53.4486, 77.1170

Trichromacy



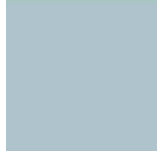
Original Color

41.2426, 53.5136, 64.0326



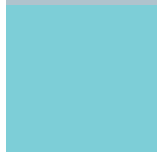
Protanomaly

46.2922, 52.3530, 59.8898



Deuteranomaly

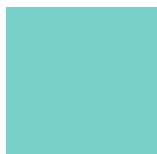
48.2137, 52.5520, 65.3600



Tritanomaly

42.7945, 53.4089, 72.3434

Monochromacy



Original Color

41.2426, 53.5136, 64.0326



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.3133, 48.4093, 55.2579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2426, 53.5136, 64.0326 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, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(122, 208, 202)  
}
```

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, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 208, 202) }
```

Border

The CSS property to change the border of an element to XYZ 41.2426, 53.5136, 64.0326 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, 208, 202) }
```


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

```
.border{ border-color:rgb(122, 208, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 208, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(122, 208,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2426, 53.5136, 64.0326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 208, 202) }
```

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

```
.background{ background-color: rgb(122,  
208, 202) }
```

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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