

Converting Colors

XYZ(42.4976, 55.6603, 64.2526)

Have a look what the booklet for
XYZ(42.4976, 55.6603, 64.2526)
contains.

XYZ(42.5163, 55.6363, 64.3752)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.5163, 55.6363,
64.3752)**

Conversions

Conversions Part 1

Format	Color
Hex	7CD4CA
RGB	124, 212, 202
RGB Percent	49%, 83%, 79%
CMY	0.5137, 0.1686, 0.2078
CMYK	0.42, 0.00, 0.05, 0.17
HSL	173°, 51%, 66%
HSV	173°, 42%, 83%
XYZ	42.5163, 55.6363, 64.3752
YIQ	184.5480, -49.2380, -21.7660

Conversions

Conversions Part 2

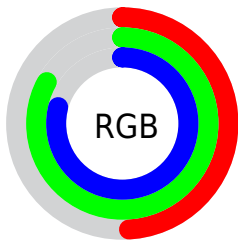
Format	Color
RYB	124, 171, 212
Decimal	8180938
CIELab	79.41, -28.84, -3.37
CIELCh	79, 29.038, 186.659
Yxy	55.6363, 0.2616, 0.3423
Android (android.graphics.Color)	4286371018 (0xFF7CD4CA)
YUV	184.5480, 8.6038, -53.1006
Hunter-Lab	74.5897, -28.7867, 1.0422

Details

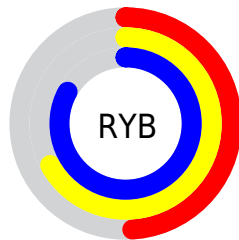
The XYZ color **42.5163, 55.6363, 64.3752** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **38.6639, 30.1351, 26.3350**, and the grayscale version is **45.8378, 48.2249, 52.5170**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **19.7862, 27.4810, 32.2785** is the 20% darker color. If you saturate the color by 10%, you get **39.4930, 54.1118, 62.7570**, and if you desaturate by 10%, it is **46.2059, 57.5065, 66.0502**.

Distribution



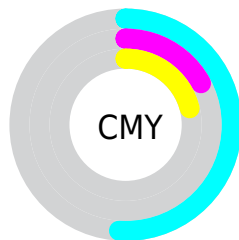
- Red (49%)
- Green (83%)
- Blue (79%)



- Red (49%)
- Yellow (67%)
- Blue (83%)



- Cyan (42%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)



- Cyan (51%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5163, 55.6363, 64.3752 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 42.5163, 55.6363, 64.3752 by changing the saturation by 10% instead.

■ 42.5163, 55.6363,
64.3752

■ 42.5163, 55.6363,
64.3752

347.5741,
408.3194, 458.7879

■ 29.6987, 39.9114,
46.5065

■ 78.2407, 98.4726,
112.7558

■ 19.7569, 27.4695,
32.2942

■ 101.8782,
126.3528, 144.1047

■ 12.3257, 17.9261,
21.3196

■ 129.8530,
159.0536, 180.7842

■ 7.0397, 10.8970,
13.1643

162.5304,
196.9593, 223.2127

■ 3.5335, 5.9976,
7.4097

200.2759,
240.4543, 271.8088

■ 1.4418, 2.8436,
3.6373

243.4548,

■ 0.2857, 1.0506,

289.9231, 326.9910

1.4286

292.4324,
345.7500, 389.1778

■ 0.0000, 0.0000,
0.1639

■ 0.0000, 0.0000,
0.0000

■ 42.5163, 55.6363,
64.3752

■ 42.5163, 55.6363,
64.3752

■ 39.4930, 54.1118,
62.7570

■ 46.2059, 57.5065,
66.0502

■ 37.0886, 52.9045,
61.1898


■ 50.5957, 59.7358,
67.7802


■ 35.2569, 51.9919,
59.6723


■ 55.7233, 62.3449,
69.5682


■ 33.9435, 51.3460,
58.2021


■ 61.6220, 65.3510,
71.4158


 33.0831, 50.9331,
56.7759


 68.3231, 68.7702,
73.3246

 32.6115, 50.7157,
55.5949

 75.8563, 72.6179,
75.2962

 77.5534, 73.4564,
77.0185

 77.8727, 73.5842,
78.7003

 78.1967, 73.7138,
80.4063

Harmonies

Analogous

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



43.2478, 55.6363, 48.7358



42.5163, 55.6363, 64.3752



44.3937, 55.6363, 81.8225

Triad

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



42.5163, 55.6363, 64.3752



59.8547, 55.6363, 90.1312



57.4443, 55.6363, 35.6387

Complementary

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



42.5163, 55.6363, 64.3752



38.6639, 30.1351, 26.3350

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.



62.3856, 55.6363, 43.3720



42.5163, 55.6363, 64.3752



63.8471, 55.6363, 74.1992

Square

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



42.5163, 55.6363, 64.3752



54.1902, 55.6363, 98.3576



64.8057, 55.6363, 56.9340



51.5923, 55.6363, 33.9738

Rectangle

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



42.5163, 55.6363, 64.3752



46.9596, 55.6363, 91.5268



64.8057, 55.6363, 56.9340



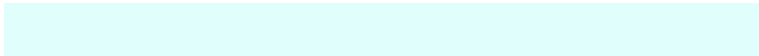
59.2796, 55.6363, 37.5353

Sweetspot

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



42.5179, 55.6385, 64.3765



84.1196, 94.4293, 105.4919



37.0573, 53.6347, 27.4692



17.7729, 20.0936, 22.5019



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.



42.5179, 55.6385, 64.3765



60.3909, 82.3920, 95.5549



36.1710, 40.9874, 68.2948



12.7286, 14.0824, 15.6510



20.1556, 31.3176, 34.4447



1.2334, 1.8960, 2.1707

Inverse Universe

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



38.6639, 30.1351, 26.3350



53.7760, 38.5210, 30.1889



42.9727, 39.8169, 24.4903



12.4801, 12.4435, 13.2024



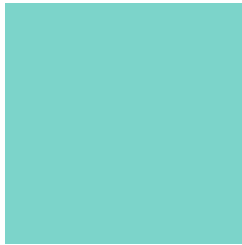
16.8831, 8.6896, 1.4224



1.0380, 0.5320, 0.1895

Previews

White Background



This preview shows how the XYZ color 42.5163, 55.6363, 64.3752 looks on a white background.

Color Contrast Check

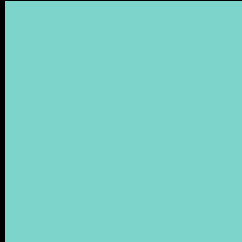
Large Text (above 18pt) WCAG AA × Fail

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 42.5163, 55.6363, 64.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

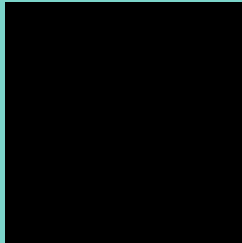
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

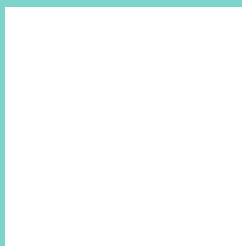
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5163, 55.6363, 64.3752

Background



This preview shows how black text looks on a background with the XYZ color 42.5163, 55.6363, 64.3752.



This preview shows how white text looks on a background with the XYZ color 42.5163, 55.6363,

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

42.5163, 55.6363, 64.3752

Protanopia

52.8490, 55.1153, 57.7221

Deuteranopia

56.2543, 55.0335, 66.6891



Tritanopia

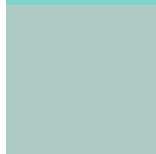
45.5970, 55.7830, 79.5981

Trichromacy



Original Color

42.5163, 55.6363, 64.3752



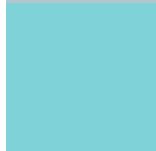
Protanomaly

47.8637, 54.5295, 60.2271



Deuteranomaly

49.8039, 54.3797, 65.6290



Tritanomaly

44.4731, 55.6921, 74.0513

Monochromacy



Original Color

42.5163, 55.6363, 64.3752



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

44.0233, 50.5783, 56.7325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5163, 55.6363, 64.3752 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(124, 212, 202)` looks like.

```
.text, #text, p{  
    color:rgb(124, 212, 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(124, 212, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 212, 202) }
```

Border

The CSS property to change the border of an element to XYZ 42.5163, 55.6363, 64.3752 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(124, 212, 202) }
```


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

```
.border{ border-color:rgb(124, 212, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 212, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 212, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 212, 202);  
box-shadow:4px 4px 4px 4px rgb(124, 212,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5163, 55.6363, 64.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 212, 202) }
```

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

```
.background{ background-color: rgb(124,  
212, 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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