

Converting Colors

XYZ(43.3065, 62.5518, 75.2515)

Have a look what the booklet for
XYZ(43.3065, 62.5518, 75.2515)
contains.

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Color

**XYZ(43.2914, 62.4648,
75.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	49E5D9
RGB	73, 229, 217
RGB Percent	29%, 90%, 85%
CMY	0.7137, 0.1019, 0.1490
CMYK	0.68, 0.00, 0.05, 0.10
HSL	175°, 75%, 59%
HSV	175°, 68%, 90%
XYZ	43.2914, 62.4648, 75.4209
YIQ	180.9880, -89.1240, -36.8040

Conversions

Conversions Part 2

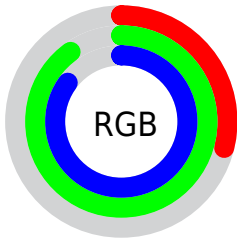
Format	Color
RYB	73, 154, 229
Decimal	4842969
CIELab	83.16, -42.71, -5.99
CIELCh	83, 43.130, 187.989
Yxy	62.4648, 0.2389, 0.3448
Android (android.graphics.Color)	4283033049 (0xFF49E5D9)
YUV	180.9880, 17.7539, -94.7055
Hunter-Lab	79.0347, -40.5370, -1.2548

Details

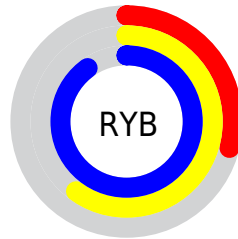
The XYZ color **43.2914, 62.4648, 75.4209** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.3375, 22.0810, 10.9435**, and the grayscale version is **43.8583, 46.1424, 50.2490**.

A 20% lighter version of the original color is **64.7945, 84.4027, 107.4841**, and **21.4652, 32.4958, 39.3234** is the 20% darker color. If you saturate the color by 10%, you get **41.6376, 61.6400, 74.1548**, and if you desaturate by 10%, it is **45.5897, 63.6244, 76.7327**.

Distribution



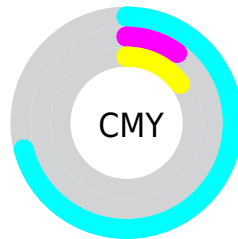
- Red (29%)
- Green (90%)
- Blue (85%)



- Red (29%)
- Yellow (60%)
- Blue (90%)



- Cyan (68%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)





- Cyan (71%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2914, 62.4648, 75.4209 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 43.2914, 62.4648, 75.4209 by changing the saturation by 10% instead.


 43.2914, 62.4648,
75.4209


 43.2914, 62.4648,
75.4209


350.7100,
433.6245, 498.6570


 30.3093, 45.4084,
55.4540


 79.4034, 108.3970,
128.6606


 20.2227, 31.7792,
39.3642

 103.2640,
138.0416, 162.7704

 12.6663, 21.1929,
26.7332


 131.4815,
172.6510, 202.4316

 7.2745, 13.2651,
17.1423

 164.4213,
212.6097, 248.0626

 3.6822, 7.6113,
10.1730

202.4487,
258.3019, 300.0822

 1.5240, 3.8473,
5.4067

245.9290,

 0.3421, 1.5885,

310.1123, 358.9087

2.4249

295.2277,
368.4250, 424.9608

■ 0.0000, 0.3498,
0.8000

■ 0.0000, 0.0000,
0.0000

■ 43.2914, 62.4648,
75.4209

■ 43.2914, 62.4648,
75.4209

■ 41.6376, 61.6400,
74.1548

■ 45.5897, 63.6244,
76.7327

■ 40.5488, 61.1048,
72.9266


■ 48.5900, 65.1442,
78.0887


■ 39.9220, 60.8074,
71.7326


■ 52.3494, 67.0551,
79.4932

■ 39.8264, 60.7630,
71.5104


■ 56.9177, 69.3827,
80.9483

 62.3406, 72.1505,
82.4564

 68.6603, 75.3804,
84.0195

 75.9161, 79.0926,
85.6393

 83.6977, 83.0755,
87.2968

 83.9480, 83.1756,
88.6149

Harmonies

Analogous

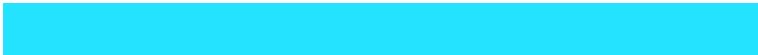
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.2180, 62.4648, 50.4880



43.2914, 62.4648, 75.4209



46.3022, 62.4648, 104.8703

Triad

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



43.2914, 62.4648, 75.4209



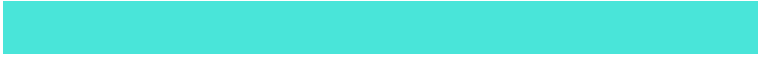
71.1349, 62.4648, 117.1829



66.3652, 62.4648, 30.5827

Complementary

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



43.2914, 62.4648, 75.4209



36.3375, 22.0810, 10.9435

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.



74.6928, 62.4648, 40.9959



43.2914, 62.4648, 75.4209



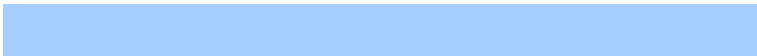
77.6417, 62.4648, 89.1873

Square

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



43.2914, 62.4648, 75.4209



61.9039, 62.4648, 132.7837



79.0078, 62.4648, 61.1078



56.9079, 62.4648, 28.7131

Rectangle

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



43.2914, 62.4648, 75.4209



50.3440, 62.4648, 121.6633



79.0078, 62.4648, 61.1078



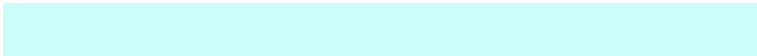
69.4171, 62.4648, 33.0373

Sweetspot

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



43.2932, 62.4672, 75.4224



78.0864, 91.3272, 104.8421



33.0618, 58.5005, 15.8542



16.2842, 19.3285, 22.3234



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.



43.2932, 62.4672, 75.4224



52.4493, 78.3253, 93.9475



30.1682, 33.6272, 79.0319



14.7571, 16.3163, 18.2515



22.7904, 34.7483, 40.9920



1.6985, 2.5735, 3.1046

Inverse Universe

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



36.3375, 22.0810, 10.9435



43.0823, 23.5539, 6.8313



42.6066, 35.3187, 10.8766



14.4218, 14.3859, 15.1554



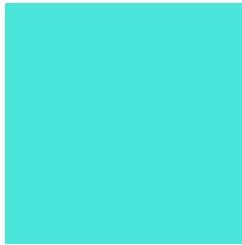
18.5525, 9.5552, 1.2726



1.3867, 0.7124, 0.1771

Previews

White Background



This preview shows how the XYZ color 43.2914, 62.4648, 75.4209 looks on a white background.

Color Contrast Check

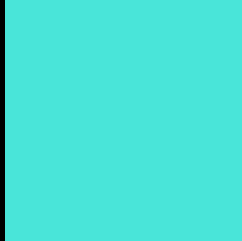
Large Text (above 18pt) WCAG AA × Fail

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 43.2914, 62.4648, 75.4209 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

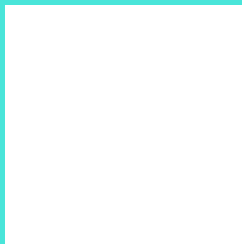
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2914, 62.4648, 75.4209

Background



This preview shows how black text looks on a background with the XYZ color 43.2914, 62.4648, 75.4209.



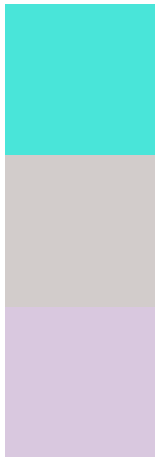
This preview shows how white text looks on a background with the XYZ color 43.2914, 62.4648,

75.4209.

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

43.2914, 62.4648, 75.4209

Protanopia

58.9507, 61.1992, 65.2055

Deuteranopia

62.5888, 61.3880, 78.3623



Tritanopia

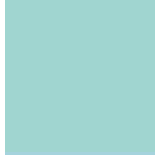
47.0334, 62.3477, 94.3494

Trichromacy



Original Color

43.2914, 62.4648, 75.4209



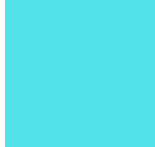
Protanomaly

49.6766, 59.6161, 68.5633



Deuteranomaly

51.8625, 59.8083, 77.2173



Tritanomaly

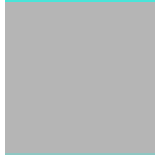
45.5273, 62.1271, 87.4341

Monochromacy



Original Color

43.2914, 62.4648, 75.4209



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.0870, 50.0340, 58.5309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2914, 62.4648, 75.4209 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(73, 229, 217)` looks like.

```
.text, #text, p{  
    color:rgb(73, 229, 217)  
}
```

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(73, 229, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 229, 217) }
```

Border

The CSS property to change the border of an element to XYZ 43.2914, 62.4648, 75.4209 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(73, 229, 217) }
```


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

```
.border{ border-color:rgb(73, 229, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 229, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 229, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 229, 217);  
box-shadow:4px 4px 4px 4px rgb(73, 229,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2914, 62.4648, 75.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 229, 217) }
```

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

```
.background{ background-color: rgb(73, 229,  
217) }
```

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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