

Converting Colors

XYZ(41.3802, 50.2722, 62.1669)

Have a look what the booklet for
XYZ(41.3802, 50.2722, 62.1669)
contains.

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Color

**XYZ(41.2669, 50.0473,
62.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC6C8
RGB	139, 198, 200
RGB Percent	55%, 78%, 78%
CMY	0.4549, 0.2235, 0.2157
CMYK	0.30, 0.01, 0.00, 0.22
HSL	182°, 36%, 66%
HSV	182°, 30%, 78%
XYZ	41.2669, 50.0473, 62.1287
YIQ	180.5870, -35.8060, -11.8860

Conversions

Conversions Part 2

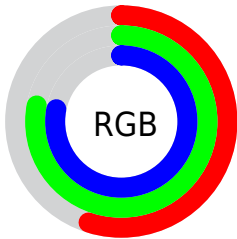
Format	Color
RYB	139, 169, 200
Decimal	9160392
CIELab	76.10, -18.37, -7.09
CIElCh	76, 19.689, 201.122
Yxy	50.0473, 0.2689, 0.3262
Android (android.graphics.Color)	4287350472 (0xFF8BC6C8)
YUV	180.5870, 9.5706, -36.4718
Hunter-Lab	70.7441, -19.6785, -2.5486

Details

The XYZ color **41.2669, 50.0473, 62.1287** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0051, 33.1936, 28.8311**, and the grayscale version is **43.6632, 45.9371, 50.0255**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **18.9993, 24.0003, 30.8253** is the 20% darker color. If you saturate the color by 10%, you get **38.0792, 48.1834, 61.9378**, and if you desaturate by 10%, it is **45.0692, 52.2314, 62.3507**.

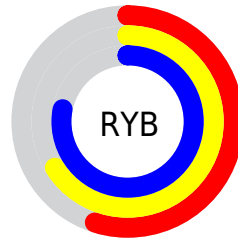
Distribution



Red (55%)

Green (78%)

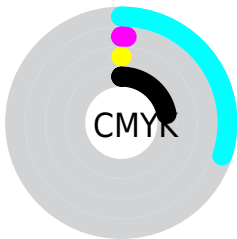
Blue (78%)



Red (55%)

Yellow (66%)

Blue (78%)

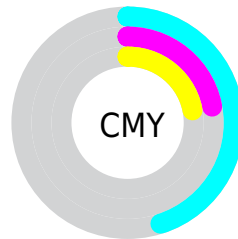


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2669, 50.0473, 62.1287 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 41.2669, 50.0473, 62.1287 by changing the saturation by 10% instead.

■ 41.2669, 50.0473,
62.1287

■ 41.2669, 50.0473,
62.1287

342.4784,
386.8509, 450.4210

■ 28.7163, 35.4510,
44.7002

■ 76.3610, 90.2450,
109.4849

■ 19.0095, 24.0105,
30.8802

■ 99.6353, 116.6151,
140.2498

■ 11.7812, 15.3414,
20.2499

■ 127.2148,
147.6786, 176.2971

■ 6.6660, 9.0593,
12.3910

159.4649,
183.8199, 218.0456

■ 3.2986, 4.7799,
6.8848

196.7509,
225.4234, 265.9137

■ 1.3136, 2.1187,
3.3128

239.4383,

■ 0.1933, 0.6751,

272.8735, 320.3199

1.2565

287.8924,
326.5545, 381.6828

■ 0.0000, 0.0000,
0.0257

■ 0.0000, 0.0000,
0.0000

■ 41.2669, 50.0473,
62.1287

■ 41.2669, 50.0473,
62.1287

■ 38.0792, 48.1834,
61.9378

■ 45.0692, 52.2314,
62.3507

■ 35.4682, 46.6166,
61.7730

■ 49.5123, 54.7457,
62.6018

■ 33.3988, 45.3299,
61.6337

■ 54.6266, 57.6068,
62.8845

■ 31.8305, 44.3025,
61.5180

■ 60.4390, 60.8288,
63.2001

■ 30.7167, 43.5104,
61.4239

■ 66.9750, 64.4249,
63.5497

■ 30.0023, 42.9251,
61.3485

■ 72.7705, 67.6401,
63.8649

■ 29.5954, 42.5101,
61.2899

■ 72.9244, 67.9480,
63.9162

■ 73.0790, 68.2572,
63.9677

■ 73.2343, 68.5677,
64.0195

Harmonies

Analogous

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



40.9125, 50.0473, 51.4241



41.2669, 50.0473, 62.1287



43.2628, 50.0473, 71.8453

Triad

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



41.2669, 50.0473, 62.1287



53.2939, 50.0473, 68.2319



48.6692, 50.0473, 36.8189

Complementary

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



41.2669, 50.0473, 62.1287



38.0051, 33.1936, 28.8311

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.



52.1507, 50.0473, 40.1871



41.2669, 50.0473, 62.1287



54.9098, 50.0473, 57.6817

Square

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



41.2669, 50.0473, 62.1287



50.1648, 50.0473, 75.6728



54.4809, 50.0473, 47.5101



45.0633, 50.0473, 37.6872

Rectangle

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



41.2669, 50.0473, 62.1287



45.3149, 50.0473, 76.0112



54.4809, 50.0473, 47.5101



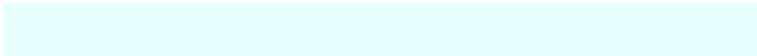
49.8955, 50.0473, 37.4753

Sweetspot

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



41.2684, 50.0493, 62.1298



86.8656, 95.4256, 108.4484



36.0376, 48.6924, 32.3177



18.3294, 20.2769, 23.1977



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.



41.2684, 50.0493, 62.1298



67.4597, 84.3251, 107.3286



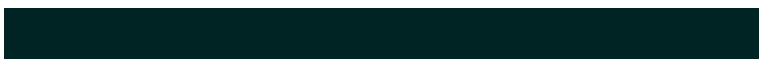
35.1659, 37.8443, 60.0957



10.9158, 12.0057, 13.6595



18.8310, 27.0559, 38.9742



0.9012, 1.3002, 1.8486

Inverse Universe

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



43.2463, 34.8230, 57.8706



71.4802, 53.6502, 98.6089



42.9524, 43.0881, 30.4802



11.0675, 10.8104, 13.3389



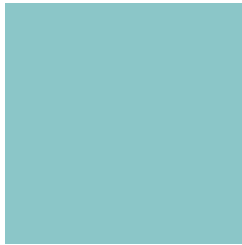
21.3044, 10.2713, 33.1422



1.0136, 0.4883, 1.5947

Previews

White Background



This preview shows how the XYZ color 41.2669, 50.0473, 62.1287 looks on a white background.

Color Contrast Check

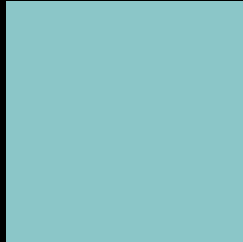
Large Text (above 18pt) WCAG AA × Fail

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 41.2669, 50.0473, 62.1287 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

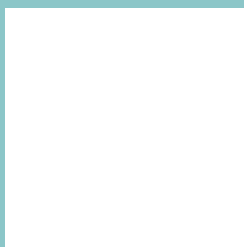
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2669, 50.0473, 62.1287

Background



This preview shows how black text looks on a background with the XYZ color 41.2669, 50.0473, 62.1287.



This preview shows how white text looks on a background with the XYZ color 41.2669, 50.0473,

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

41.2669, 50.0473, 62.1287

Protanopia

48.1708, 49.7869, 57.5230

Deuteranopia

50.7961, 49.7735, 63.4299



Tritanopia

42.7789, 49.9841, 69.6806

Trichromacy



Original Color

41.2669, 50.0473, 62.1287

Protanomaly

45.1718, 49.4704, 59.3925

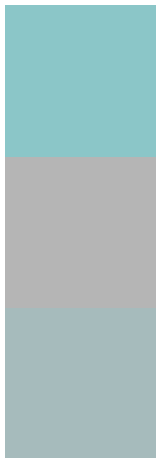
Deuteranomaly

46.7754, 49.5778, 62.9813

Tritanomaly

42.3359, 50.1493, 67.1229

Monochromacy



Original Color

41.2669, 50.0473, 62.1287

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.5733, 47.2785, 54.4588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2669, 50.0473, 62.1287 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(139, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(139, 198, 200)  
}
```

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(139, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 198, 200) }
```

Border

The CSS property to change the border of an element to XYZ 41.2669, 50.0473, 62.1287 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(139, 198, 200) }
```


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

```
.border{ border-color:rgb(139, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(139, 198,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2669, 50.0473, 62.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 198, 200) }
```

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

```
.background{ background-color: rgb(139,  
198, 200) }
```

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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