

Converting Colors

XYZ(41.6706, 51.6659, 65.3530)

Have a look what the booklet for
XYZ(41.6706, 51.6659, 65.3530)
contains.

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Color

**XYZ(41.6557, 51.5544,
65.5131)**

Conversions

Conversions Part 1

Format	Color
Hex	84CACD
RGB	132, 202, 205
RGB Percent	52%, 79%, 80%
CMY	0.4823, 0.2078, 0.1961
CMYK	0.36, 0.01, 0.00, 0.20
HSL	182°, 42%, 66%
HSV	182°, 36%, 80%
XYZ	41.6557, 51.5544, 65.5131
YIQ	181.4120, -42.6830, -13.9070

Conversions

Conversions Part 2

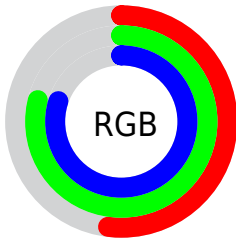
Format	Color
RYB	132, 168, 205
Decimal	8702669
CIELab	77.01, -21.13, -8.48
CIElCh	77, 22.763, 201.861
Yxy	51.5544, 0.2624, 0.3248
Android (android.graphics.Color)	4286892749 (0xFF84CACD)
YUV	181.4120, 11.6289, -43.3343
Hunter-Lab	71.8014, -22.0954, -3.8365

Details

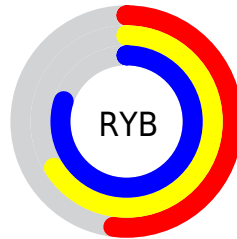
The XYZ color **41.6557, 51.5544, 65.5131** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.0064, 31.9735, 25.9993**, and the grayscale version is **44.1008, 46.3975, 50.5268**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **19.3177, 25.0339, 33.0920** is the 20% darker color. If you saturate the color by 10%, you get **38.5630, 49.6689, 65.3130**, and if you desaturate by 10%, it is **45.3824, 53.7709, 65.7454**.

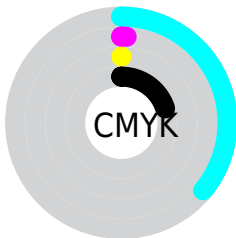
Distribution



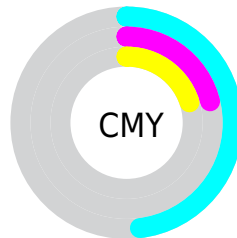
- Red (52%)
- Green (79%)
- Blue (80%)



- Red (52%)
- Yellow (66%)
- Blue (80%)



- Cyan (36%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (48%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6557, 51.5544, 65.5131 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 41.6557, 51.5544, 65.5131 by changing the saturation by 10% instead.

■ 41.6557, 51.5544,
65.5131

■ 41.6557, 51.5544,
65.5131

344.0697,
392.7139, 462.9901

■ 29.0217, 36.6500,
47.4233

■ 76.9467, 92.4737,
114.4075

■ 19.2416, 24.9366,
33.0137

■ 100.3345,
119.2575, 146.0492

■ 11.9500, 16.0298,
21.8657

■ 128.0375,
150.7698, 183.0453

■ 6.7816, 9.5453,
13.5609

160.4212,
187.3951, 225.8143

■ 3.3710, 5.0985,
7.6806

197.8509,
229.5178, 274.7747

■ 1.3529, 2.3052,
3.8065

240.6920,

■ 0.2223, 0.7765,

277.5222, 330.3451

1.5198

289.3098,
331.7928, 392.9441

■ 0.0000, 0.0000,
0.2326

■ 0.0000, 0.0000,
0.0000

■ 41.6557, 51.5544,
65.5131

■ 41.6557, 51.5544,
65.5131

■ 38.5630, 49.6689,
65.3130

■ 45.3824, 53.7709,
65.7454

■ 36.0628, 48.0891,
65.1399

■ 49.7726, 56.3297,
66.0079

■ 34.1155, 46.7960,
64.9929

■ 54.8594, 59.2493,
66.3033

■ 32.6750, 45.7657,
64.8700

■ 60.6724, 62.5449,
66.6331

■ 31.6878, 44.9708,
64.7686

■ 67.2396, 66.2309,
66.9984

■ 31.0878, 44.3770,
64.6856

■ 74.5857, 70.3200,
67.4005

■ 30.8913, 44.1513,
64.6524

■ 74.7903, 70.7292,
67.4687

■ 74.9959, 71.1405,
67.5372

■ 75.2027, 71.5540,
67.6062

Harmonies

Analogous

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



41.1943, 51.5544, 52.8172



41.6557, 51.5544, 65.5131



44.0250, 51.5544, 77.1112

Triad

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



41.6557, 51.5544, 65.5131



55.8629, 51.5544, 72.2281



50.1921, 51.5544, 35.6405

Complementary

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



41.6557, 51.5544, 65.5131



38.0064, 31.9735, 25.9993

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.



54.3383, 51.5544, 39.3544



41.6557, 51.5544, 65.5131



57.7363, 51.5544, 59.5868

Square

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



41.6557, 51.5544, 65.5131



52.1748, 51.5544, 81.3694



57.1625, 51.5544, 47.6957



45.9584, 51.5544, 36.7436

Rectangle

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



41.6557, 51.5544, 65.5131



46.4481, 51.5544, 82.0513



57.1625, 51.5544, 47.6957



51.6456, 51.5544, 36.3448

Sweetspot

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



41.6572, 51.5564, 65.5143



85.1064, 94.3300, 108.3297



35.6815, 50.3025, 30.5429



17.9756, 20.0521, 23.1730



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.



41.6572, 51.5564, 65.5143



64.1292, 81.9523, 107.0461



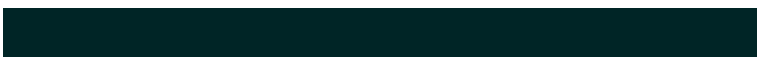
34.1846, 36.6112, 63.0234



11.5023, 12.6450, 14.4049



19.2484, 27.5209, 40.2538



1.0055, 1.4448, 2.0808

Inverse Universe

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



44.0900, 33.7472, 60.0695



68.7524, 48.5513, 96.5995



43.8930, 43.7468, 27.9615



11.6669, 11.3955, 14.0464



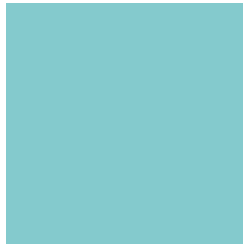
21.9266, 10.5812, 33.6619



1.1375, 0.5484, 1.7699

Previews

White Background



This preview shows how the XYZ color 41.6557, 51.5544, 65.5131 looks on a white background.

Color Contrast Check

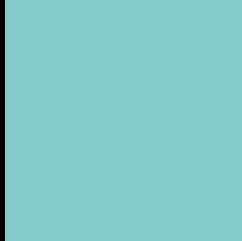
Large Text (above 18pt) WCAG AA × Fail

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 41.6557, 51.5544, 65.5131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

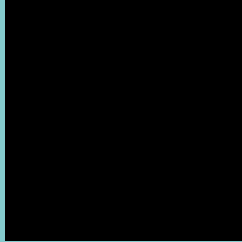
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6557, 51.5544, 65.5131

Background



This preview shows how black text looks on a background with the XYZ color 41.6557, 51.5544, 65.5131.

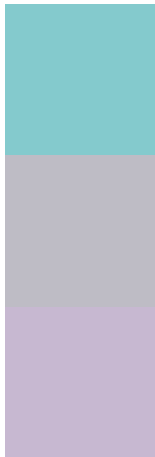


This preview shows how white text looks on a background with the XYZ color 41.6557, 51.5544,

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

41.6557, 51.5544, 65.5131

Protanopia

49.2965, 50.9448, 60.0585

Deuteranopia

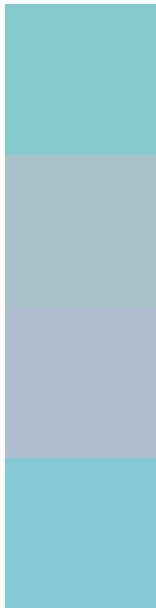
52.2023, 51.0265, 67.4194



Tritanopia

43.0406, 51.4173, 72.6218

Trichromacy



Original Color

41.6557, 51.5544, 65.5131

Protanomaly

45.8575, 50.7451, 62.0214

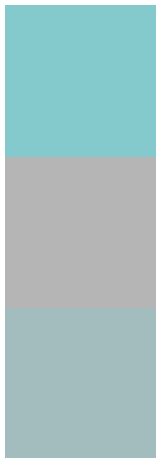
Deuteranomaly

47.6952, 50.9296, 66.9911

Tritanomaly

42.6018, 51.5951, 70.0008

Monochromacy



Original Color

41.6557, 51.5544, 65.5131

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.5961, 47.8994, 55.7157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6557, 51.5544, 65.5131 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(132, 202, 205)` looks like.

```
.text, #text, p{  
    color:rgb(132, 202, 205)  
}
```

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(132, 202, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 202, 205) }
```

Border

The CSS property to change the border of an element to XYZ 41.6557, 51.5544, 65.5131 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(132, 202, 205) }
```


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

```
.border{ border-color:rgb(132, 202, 205) }
```

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

Here you see how a box with a 4 pixel rgb(132, 202, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 202, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 202, 205);  
box-shadow:4px 4px 4px 4px rgb(132, 202,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6557, 51.5544, 65.5131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 202, 205) }
```

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

```
.background{ background-color: rgb(132,  
202, 205) }
```

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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