

Converting Colors

XYZ(40.4361, 53.3752, 84.5152)

Have a look what the booklet for
XYZ(40.4361, 53.3752, 84.5152)
contains.

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Color

**XYZ(40.4361, 53.3752,
84.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	4AD2E8
RGB	74, 210, 232
RGB Percent	29%, 82%, 91%
CMY	0.7098, 0.1765, 0.0902
CMYK	0.68, 0.09, 0.00, 0.09
HSL	188°, 77%, 60%
HSV	188°, 68%, 91%
XYZ	40.4361, 53.3752, 84.5152
YIQ	171.8440, -88.1180, -21.9900

Conversions

Conversions Part 2

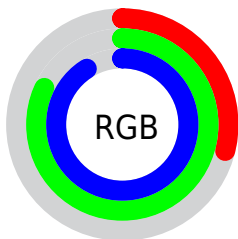
Format	Color
RYB	74, 147, 232
Decimal	4903656
CIELab	78.10, -29.54, -21.57
CIELCh	78, 36.573, 216.141
Yxy	53.3752, 0.2268, 0.2993
Android (android.graphics.Color)	4283093736 (0xFF4AD2E8)
YUV	171.8440, 29.6569, -85.8092
Hunter-Lab	73.0583, -29.0565, -17.4469

Details

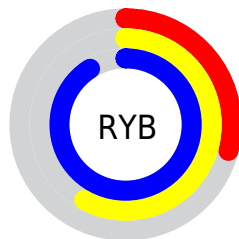
The XYZ color **40.4361, 53.3752, 84.5152** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **38.6991, 26.0178, 9.4625**, and the grayscale version is **39.0226, 41.0548, 44.7087**.

A 20% lighter version of the original color is **64.7945, 84.4027, 107.4841**, and **19.5578, 26.5773, 45.1734** is the 20% darker color. If you saturate the color by 10%, you get **38.1791, 51.0407, 84.1846**, and if you desaturate by 10%, it is **43.3708, 56.0852, 84.8846**.

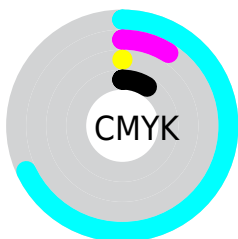
Distribution



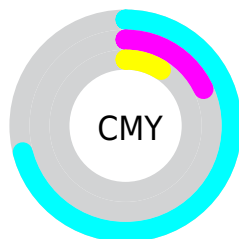
- Red (29%)
- Green (82%)
- Blue (91%)



- Red (29%)
- Yellow (58%)
- Blue (91%)



- Cyan (68%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4361, 53.3752, 84.5152 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 40.4361, 53.3752, 84.5152 by changing the saturation by 10% instead.

40.4361, 53.3752,
84.5152

40.4361, 53.3752,
84.5152

339.0612,
399.7230, 530.1252

28.0645, 38.1024,
62.8930

75.1073, 95.1562,
141.5638

18.5150, 26.0622,
45.3142

98.1375, 122.4333,
177.8273

11.4222, 16.8701,
31.3603

125.4513,
154.4804, 219.8083

6.4210, 10.1420,
20.6126

157.4140,
191.6822, 267.9254

3.1458, 5.4932,
12.6526

194.3910,
234.4230, 322.5971

1.2313, 2.5394,
7.0619

236.7476,

0.1309, 0.8963,

283.0871, 384.2419

3.4218

284.8493,
338.0589, 453.2785

■ 0.0000, 0.0000,
1.3138

■ 0.0000, 0.0000,
0.0731

■ 40.4361, 53.3752,
84.5152

■ 40.4361, 53.3752,
84.5152

■ 38.1791, 51.0407,
84.1846

■ 43.3708, 56.0852,
84.8846

■ 36.5182, 49.0362,
83.8852

■ 47.0432, 59.1984,
85.2920

■ 35.3475, 47.3080,
83.6133

■ 51.5122, 62.7464,
85.7412

■ 35.1501, 46.9951,
83.5633

■ 56.8294, 66.7560,
86.2349

■ 63.0419, 71.2516,
86.7752

■ 70.1933, 76.2558,
87.3642

■ 78.3243, 81.7897,
88.0038

■ 85.7567, 86.9883,
88.6155

■ 86.6944, 88.8638,
88.9281

Harmonies

Analogous

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



38.2733, 53.3752, 62.4231



40.4361, 53.3752, 84.5152



45.3804, 53.3752, 101.9814

Triad

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



40.4361, 53.3752, 84.5152



64.3460, 53.3752, 75.5083



49.2776, 53.3752, 27.1428

Complementary

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



40.4361, 53.3752, 84.5152



38.6991, 26.0178, 9.4625

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.



56.4876, 53.3752, 29.0729



40.4361, 53.3752, 84.5152



65.6364, 53.3752, 54.0127

Square

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



40.4361, 53.3752, 84.5152



59.2635, 53.3752, 95.9862



62.6411, 53.3752, 37.8816



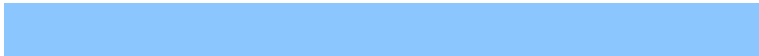
43.0605, 53.3752, 31.8037

Rectangle

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



40.4361, 53.3752, 84.5152



49.8134, 53.3752, 106.8126



62.6411, 53.3752, 37.8816



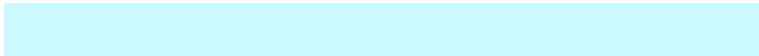
51.6608, 53.3752, 27.0607

Sweetspot

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



40.4378, 53.3772, 84.5165



76.4882, 87.1300, 107.3942



33.7507, 59.9978, 20.6463



15.8952, 18.3066, 22.9457



0.0000, 0.0000, 0.0000



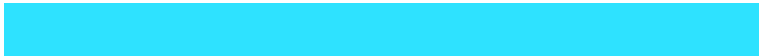
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.4378, 53.3772, 84.5165



46.3374, 62.1290, 104.1576



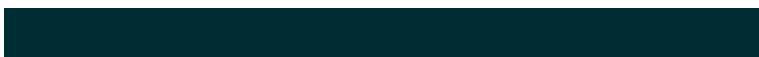
25.6336, 23.7687, 79.5817



14.6274, 15.9762, 18.4571



19.5835, 26.2290, 46.4137



1.4945, 2.0329, 3.4456

Inverse Universe

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



47.3618, 26.7082, 63.6337



55.9248, 28.6909, 74.4595



49.6653, 47.9501, 13.1179



14.9043, 14.5789, 17.6962



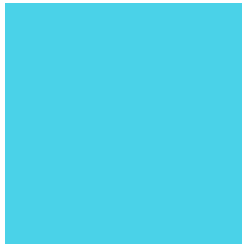
24.2783, 11.8456, 31.4244



1.8180, 0.8849, 2.4479

Previews

White Background



This preview shows how the XYZ color 40.4361, 53.3752, 84.5152 looks on a white background.

Color Contrast Check

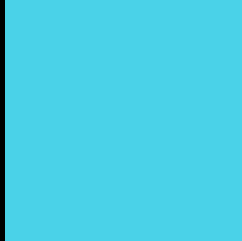
Large Text (above 18pt) WCAG AA × Fail

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 40.4361, 53.3752, 84.5152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

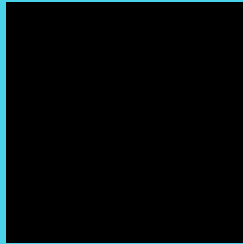
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4361, 53.3752, 84.5152

Background



This preview shows how black text looks on a background with the XYZ color 40.4361, 53.3752, 84.5152.



This preview shows how white text looks on a background with the XYZ color 40.4361, 53.3752,

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

40.4361, 53.3752, 84.5152

Protanopia

51.6932, 52.5062, 74.4280

Deuteranopia

53.7628, 52.6457, 87.4488



Tritanopia

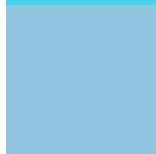
39.9703, 53.5677, 81.6317

Trichromacy



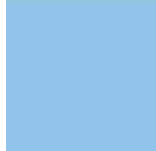
Original Color

40.4361, 53.3752, 84.5152



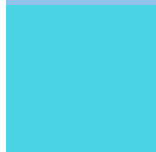
Protanomaly

45.2749, 51.4253, 78.0608



Deuteranomaly

46.5894, 51.5890, 86.0994



Tritanomaly

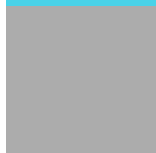
40.1848, 53.6621, 82.3686

Monochromacy



Original Color

40.4361, 53.3752, 84.5152



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

37.4499, 44.2471, 57.6057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4361, 53.3752, 84.5152 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(74, 210, 232)` looks like.

```
.text, #text, p{  
    color:rgb(74, 210, 232)  
}
```

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(74, 210, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 210, 232) }
```

Border

The CSS property to change the border of an element to XYZ 40.4361, 53.3752, 84.5152 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(74, 210, 232) }
```


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

```
.border{ border-color:rgb(74, 210, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 210, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 210, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 210, 232);  
box-shadow:4px 4px 4px 4px rgb(74, 210,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4361, 53.3752, 84.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 210, 232) }
```

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

```
.background{ background-color: rgb(74, 210,  
232) }
```

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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