

Converting Colors

XYZ(41.2827, 53.6007, 86.3025)

Have a look what the booklet for
XYZ(41.2827, 53.6007, 86.3025)
contains.

XYZ(41.3776, 53.8275, 86.0508)	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(41.3776, 53.8275,
86.0508)**

Conversions

Conversions Part 1

Format	Color
Hex	52D2EA
RGB	82, 210, 234
RGB Percent	32%, 82%, 92%
CMY	0.6784, 0.1765, 0.0823
CMYK	0.65, 0.10, 0.00, 0.08
HSL	189°, 78%, 62%
HSV	189°, 65%, 92%
XYZ	41.3776, 53.8275, 86.0508
YIQ	174.4640, -83.9920, -19.6720

Conversions

Conversions Part 2

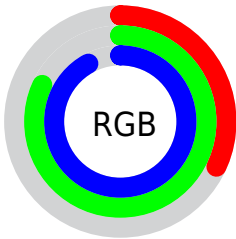
Format	Color
R _Y B	82, 151, 234
Decimal	5427946
CIE Lab	78.36, -27.78, -22.22
CIE LCh	78, 35.574, 218.652
Yxy	53.8275, 0.2283, 0.2970
Android (android.graphics.Color)	4283618026 (0xFF52D2EA)
YUV	174.4640, 29.3512, -81.0909
Hunter-Lab	73.3672, -27.7223, -18.1829

Details

The XYZ color **41.3776, 53.8275, 86.0508** 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 **40.6104, 28.4118, 11.3282**, and the grayscale version is **40.3574, 42.4591, 46.2380**.

A 20% lighter version of the original color is **65.8426, 84.9430, 107.5331**, and **19.7572, 26.6570, 46.2235** is the 20% darker color. If you saturate the color by 10%, you get **38.7776, 51.1497, 85.6720**, and if you desaturate by 10%, it is **44.6955, 56.9089, 86.4717**.

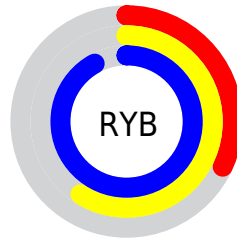
Distribution



Red (32%)

Green (82%)

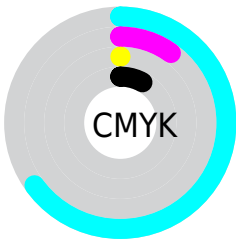
Blue (92%)



Red (32%)

Yellow (59%)

Blue (92%)

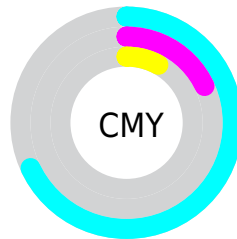


Cyan (65%)

Magenta (10%)

Yellow (0%)

Black (8%)



Cyan (68%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3776, 53.8275, 86.0508 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 41.3776, 53.8275, 86.0508 by changing the saturation by 10% instead.

■ 41.3776, 53.8275,
86.0508

■ 41.3776, 53.8275,
86.0508

342.9320,
401.4519, 535.3337

■ 28.8032, 38.4638,
64.1548

■ 76.5279, 95.8209,
143.7275

■ 19.0755, 26.3428,
46.3291

■ 99.8345, 123.2194,
180.3454

■ 11.8292, 17.0803,
32.1551

■ 127.4492,
155.3982, 222.7077

■ 6.6989, 10.2918,
21.2142

■ 159.7374,
192.7419, 271.2329

■ 3.3191, 5.5928,
13.0879

197.0644,
235.6346, 326.3395

■ 1.3247, 2.5991,
7.3576

239.7956,

■ 0.2016, 0.9262,

284.4610, 388.4462

3.6049

288.2964,
339.6053, 457.9714

■ 0.0000, 0.0000,
1.4112

■ 0.0000, 0.0000,
0.1504

■ 41.3776, 53.8275,
86.0508

■ 41.3776, 53.8275,
86.0508

■ 38.7776, 51.1497,
85.6720

■ 44.6955, 56.9089,
86.4717

■ 36.8165, 48.8311,
85.3278

■ 48.7900, 60.4211,
86.9338

■ 35.4052, 46.8269,
85.0153

■ 53.7192, 64.3952,
87.4411

■ 34.8300, 45.8977,
84.8663

■ 59.5342, 68.8578,
87.9960

■ 66.2821, 73.8335,
88.6007

■ 74.0064, 79.3448,
89.2574

■ 82.7480, 85.4129,
89.9679

■ 87.1224, 89.2624,
90.4804

■ 88.2185, 91.4547,
90.8458

Harmonies

Analogous

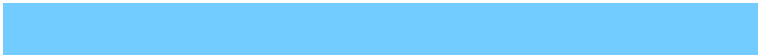
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.0045, 53.8275, 64.5851



41.3776, 53.8275, 86.0508



46.4286, 53.8275, 102.2045

Triad

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



41.3776, 53.8275, 86.0508



64.7107, 53.8275, 73.7478



49.1684, 53.8275, 28.2249

Complementary

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



41.3776, 53.8275, 86.0508



40.6104, 28.4118, 11.3282

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.



56.2054, 53.8275, 29.5984



41.3776, 53.8275, 86.0508



65.6134, 53.8275, 53.0134

Square

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



41.3776, 53.8275, 86.0508



60.0125, 53.8275, 94.0520



62.3774, 53.8275, 37.7262



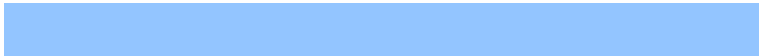
43.2265, 53.8275, 33.4199

Rectangle

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



41.3776, 53.8275, 86.0508



50.8464, 53.8275, 106.0581



62.3774, 53.8275, 37.7262



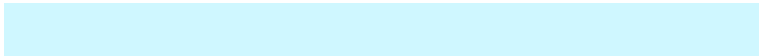
51.4778, 53.8275, 27.9634

Sweetspot

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



41.3793, 53.8295, 86.0521



77.0245, 87.1565, 107.3710



35.4437, 61.6566, 23.3459



15.9862, 18.2854, 22.9368



0.0000, 0.0000, 0.0000



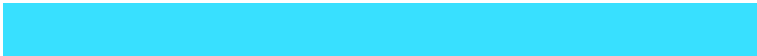
20.3446, 21.4041, 23.3091

Same Dimension

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



41.3793, 53.8295, 86.0521



46.2334, 61.1575, 103.9756



27.0249, 25.1206, 81.2673



15.3034, 16.6932, 19.3378



19.6492, 25.9455, 47.7153



1.5973, 2.1461, 3.7649

Inverse Universe

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



48.5834, 28.1820, 63.8537



56.0587, 29.4579, 72.9647



51.9396, 51.0702, 15.1046



15.6067, 15.2705, 18.4801



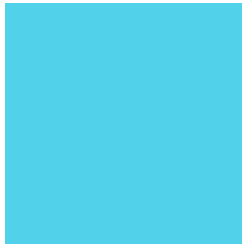
24.7733, 12.1120, 30.9373



1.9728, 0.9621, 2.5739

Previews

White Background



This preview shows how the XYZ color 41.3776, 53.8275, 86.0508 looks on a white background.

Color Contrast Check

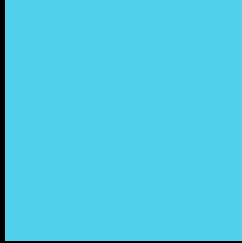
Large Text (above 18pt) WCAG AA × Fail

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 41.3776, 53.8275, 86.0508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

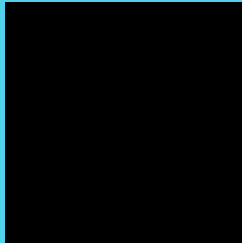
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3776, 53.8275, 86.0508

Background



This preview shows how black text looks on a background with the XYZ color 41.3776, 53.8275, 86.0508.



This preview shows how white text looks on a background with the XYZ color 41.3776, 53.8275,

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

41.3776, 53.8275, 86.0508

Protanopia

52.1755, 53.0469, 75.8957

Deuteranopia

54.5166, 53.3186, 89.0795



Tritanopia

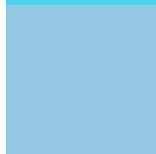
40.5223, 53.8522, 81.6576

Trichromacy



Original Color

41.3776, 53.8275, 86.0508



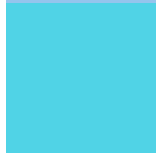
Protanomaly

46.3160, 52.2687, 79.5993



Deuteranomaly

47.6467, 52.4365, 87.7308



Tritanomaly

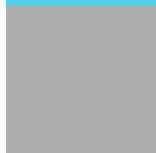
40.8855, 54.0072, 83.1324

Monochromacy



Original Color

41.3776, 53.8275, 86.0508



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

38.7186, 45.1889, 58.9062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3776, 53.8275, 86.0508 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(82, 210, 234)` looks like.

```
.text, #text, p{  
    color:rgb(82, 210, 234)  
}
```

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(82, 210, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 210, 234) }
```

Border

The CSS property to change the border of an element to XYZ 41.3776, 53.8275, 86.0508 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(82, 210, 234) }
```


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

```
.border{ border-color:rgb(82, 210, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 210, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 210, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 210, 234);  
box-shadow:4px 4px 4px 4px rgb(82, 210,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3776, 53.8275, 86.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 210, 234) }
```

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

```
.background{ background-color: rgb(82, 210,  
234) }
```

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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