

Converting Colors

XYZ(41.7073, 56.9663, 53.5971)

Have a look what the booklet for
XYZ(41.7073, 56.9663, 53.5971)
contains.

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Color

**XYZ(41.7073, 56.9663,
53.5971)**

Conversions

Conversions Part 1

Format	Color
Hex	7ED8B7
RGB	126, 216, 183
RGB Percent	49%, 85%, 72%
CMY	0.5059, 0.1529, 0.2823
CMYK	0.42, 0.00, 0.15, 0.15
HSL	158°, 54%, 67%
HSV	158°, 42%, 85%
XYZ	41.7073, 56.9663, 53.5971
YIQ	185.3280, -43.0470, -29.3430

Conversions

Conversions Part 2

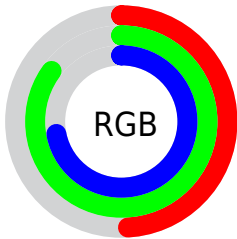
Format	Color
RYB	126, 181, 216
Decimal	8313015
CIELab	80.16, -34.53, 7.88
CIELCh	80, 35.422, 167.148
Yxy	56.9663, 0.2739, 0.3741
Android (android.graphics.Color)	4286503095 (0xFF7ED8B7)
YUV	185.3280, -1.1477, -52.0307
Hunter-Lab	75.4760, -33.4457, 10.7301

Details

The XYZ color **41.7073, 56.9663, 53.5971** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **42.0397, 32.0253, 36.7689**, and the grayscale version is **46.3214, 48.7337, 53.0710**.

A 20% lighter version of the original color is **70.6314, 87.6971, 94.8659**, and **19.2999, 28.4035, 25.5843** is the 20% darker color. If you saturate the color by 10%, you get **38.0584, 55.1793, 49.2440**, and if you desaturate by 10%, it is **46.0934, 59.1309, 58.2294**.

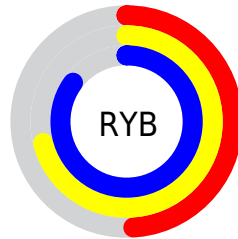
Distribution



Red (49%)

Green (85%)

Blue (72%)



Red (49%)

Yellow (71%)

Blue (85%)

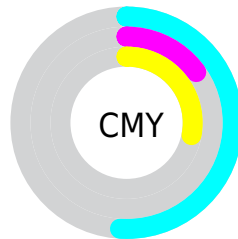


Cyan (42%)

Magenta (0%)

Yellow (15%)

Black (15%)



Cyan (51%)


Magenta (15%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7073, 56.9663, 53.5971 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 41.7073, 56.9663, 53.5971 by changing the saturation by 10% instead.


 41.7073, 56.9663,
53.5971


 41.7073, 56.9663,
53.5971


344.2805,
413.3230, 417.7029


 29.0623, 40.9782,
37.8887


 77.0244, 100.4160,
96.9328

 19.2725, 28.3020,
25.5951


 100.4272,
128.6464, 125.3972

 11.9725, 18.5535,
16.2980


 128.1466,
161.7263, 158.9507

 6.7970, 11.3481,
9.5786

160.5480,
200.0402, 198.0118

 3.3807, 6.3015,
5.0185

197.9967,
243.9724, 242.9990

 1.3581, 3.0292,
2.1992

240.8581,

 0.2261, 1.1470,

293.9074, 294.3309

0.6739

289.4976,
350.2294, 352.4260

■ 0.0000, 0.0178,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.7073, 56.9663,
53.5971

■ 41.7073, 56.9663,
53.5971

■ 38.0584, 55.1793,
49.2440

■ 46.0934, 59.1309,
58.2294

■ 35.0966, 53.7398,
45.1601


■ 51.2533, 61.6876,
63.1428


■ 32.7726, 52.6239,
41.3403

■ 57.2270, 64.6582,
68.3441


■ 31.0284, 51.8017,
37.7777


■ 64.0501, 68.0611,
73.8386


 29.7946, 51.2377,
34.4648


 71.7561, 71.9134,
79.6316

 29.0578, 50.9142,
31.8870

 80.1537, 76.1166,
85.7176

 81.2951, 76.5731,
91.7281

 82.4878, 77.0502,
98.0085

 83.7323, 77.5480,
104.5621

Harmonies

Analogous

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



44.5923, 56.9663, 38.7269



41.7073, 56.9663, 53.5971



41.9340, 56.9663, 74.5019

Triad

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



41.7073, 56.9663, 53.5971



58.3415, 56.9663, 108.2981



64.1451, 56.9663, 37.2080

Complementary

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



41.7073, 56.9663, 53.5971



42.0397, 32.0253, 36.7689

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.



68.5219, 56.9663, 51.0280



41.7073, 56.9663, 53.5971



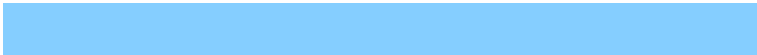
64.9723, 56.9663, 93.1839

Square

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



41.7073, 56.9663, 53.5971



51.1153, 56.9663, 109.4203



68.8374, 56.9663, 71.2966



57.2916, 56.9663, 30.7799

Rectangle

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



41.7073, 56.9663, 53.5971



43.8167, 56.9663, 89.2645



68.8374, 56.9663, 71.2966



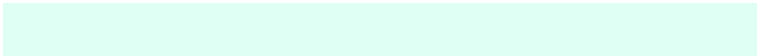
65.9803, 56.9663, 40.9834

Sweetspot

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



41.7089, 56.9686, 53.5984



82.9202, 93.9495, 99.1761



42.9210, 58.1458, 28.7006



17.4895, 19.9802, 21.0093



0.0000, 0.0000, 0.0000



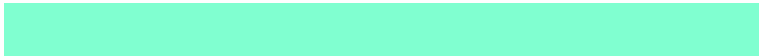
20.3446, 21.4041, 23.3091

Same Dimension

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



41.7089, 56.9686, 53.5984



56.0027, 80.6368, 72.4470



42.9518, 53.2980, 72.9923



12.5900, 14.0270, 14.9214



17.2521, 30.1562, 19.1551



1.0798, 1.8346, 1.3619

Inverse Universe

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



42.0397, 32.0253, 36.7689



56.5587, 39.6341, 44.8428



40.9613, 33.8562, 24.1155



12.6096, 12.4953, 13.8845



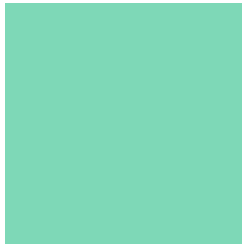
17.6493, 8.9961, 5.4575



1.1037, 0.5583, 0.5357

Previews

White Background



This preview shows how the XYZ color 41.7073, 56.9663, 53.5971 looks on a white background.

Color Contrast Check

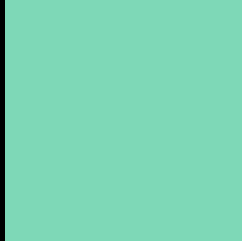
Large Text (above 18pt) WCAG AA × Fail

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 41.7073, 56.9663, 53.5971 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 41.7073, 56.9663, 53.5971

Background



This preview shows how black text looks on a background with the XYZ color 41.7073, 56.9663, 53.5971.



This preview shows how white text looks on a background with the XYZ color 41.7073, 56.9663,

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

41.7073, 56.9663, 53.5971

Protanopia

53.2412, 56.2150, 47.5796

Deuteranopia

57.2231, 56.1081, 55.3909



Tritanopia

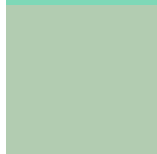
47.2282, 56.9576, 81.1778

Trichromacy



Original Color

41.7073, 56.9663, 53.5971



Protanomaly

47.8888, 55.8250, 49.8463



Deuteranomaly

49.7669, 55.2928, 54.5040



Tritanomaly

44.9742, 56.7767, 70.2166

Monochromacy



Original Color

41.7073, 56.9663, 53.5971



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.7015, 50.8331, 52.8558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7073, 56.9663, 53.5971 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(126, 216, 183)` looks like.

```
.text, #text, p{  
    color:rgb(126, 216, 183)  
}
```

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(126, 216, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 216, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.7073, 56.9663, 53.5971 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(126, 216, 183) }
```


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

```
.border{ border-color:rgb(126, 216, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 216, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 216, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 216, 183);  
box-shadow:4px 4px 4px 4px rgb(126, 216,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7073, 56.9663, 53.5971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 216, 183) }
```

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

```
.background{ background-color: rgb(126,  
216, 183) }
```

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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