

Converting Colors

XYZ(53.5226, 73.7494, 79.2985)

Have a look what the booklet for
XYZ(53.5226, 73.7494, 79.2985)
contains.

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Color

**XYZ(53.4263, 73.6285,
79.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	7DF3DC
RGB	125, 243, 220
RGB Percent	49%, 95%, 86%
CMY	0.5098, 0.0470, 0.1372
CMYK	0.49, 0.00, 0.09, 0.05
HSL	168°, 83%, 72%
HSV	168°, 49%, 95%
XYZ	53.4263, 73.6285, 79.1060
YIQ	205.0960, -62.9450, -32.1690

Conversions

Conversions Part 2

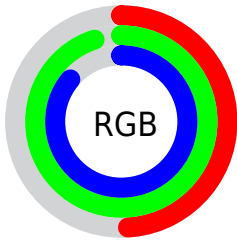
Format	Color
RYB	125, 190, 243
Decimal	8254428
CIELab	88.75, -38.85, 0.80
CIElCh	89, 38.858, 178.818
Yxy	73.6285, 0.2591, 0.3571
Android (android.graphics.Color)	4286444508 (0xFF7DF3DC)
YUV	205.0960, 7.3477, -70.2442
Hunter-Lab	85.8071, -39.0224, 5.4052

Details

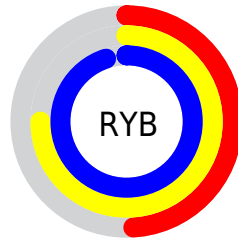
The XYZ color **53.4263, 73.6285, 79.1060** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.6435, 35.8620, 32.3252**, and the grayscale version is **58.0746, 61.0990, 66.5368**.

A 20% lighter version of the original color is **73.5772, 88.9303, 107.8951**, and **26.4003, 38.8912, 41.7126** is the 20% darker color. If you saturate the color by 10%, you get **49.6854, 71.7733, 75.7034**, and if you desaturate by 10%, it is **58.0569, 75.9440, 82.6462**.

Distribution



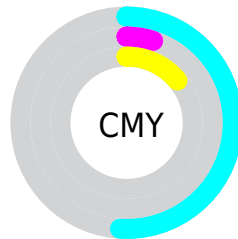
- Red (49%)
- Green (95%)
- Blue (86%)



- Red (49%)
- Yellow (75%)
- Blue (95%)



- Cyan (49%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)





- Cyan (51%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4263, 73.6285, 79.1060 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 53.4263, 73.6285, 79.1060 by changing the saturation by 10% instead.

 53.4263, 73.6285,
79.1060


 53.4263, 73.6285,
79.1060


390.1527,
473.1902, 511.5420


 38.3720, 54.4900,
58.4611

 94.3932, 124.3690,
133.9081

 26.4501, 38.9936,
41.7623


 121.0366,
156.7399, 168.9024

 17.2951, 26.7547,
28.5911


 152.2737,
194.2903, 209.5169

 10.5417, 17.3891,
18.5288

188.4698,
237.4048, 256.1702

 5.8246, 10.5123,
11.1569

229.9905,
286.4676, 309.2809

 2.7784, 5.7399,
6.0570

277.2009,

 1.0377, 2.6876,

341.8632, 369.2673

2.8104

330.4665,
403.9759, 436.5482

0.0000, 0.9709,
0.9987

0.0000, 0.0000,
0.0000

53.4263, 73.6285,
79.1060

53.4263, 73.6285,
79.1060

49.6854, 71.7733,
75.7034

58.0569, 75.9440,
82.6462

46.7632, 70.3363,
72.4297


63.6289, 78.7408,
86.3225

44.5885, 69.2826,
69.2821


70.1975, 82.0494,
90.1396


43.0743, 68.5674,
66.2561


77.8117, 85.8949,
94.1008


 42.0956, 68.1263,
63.3448

 86.5173, 90.3009,
98.2088

 41.9741, 68.0726,
62.9335

 90.3010, 92.1674,
102.1829

 91.0471, 92.4658,
106.1120

 91.3419, 92.5837,
107.6640

Harmonies

Analogous

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



55.6334, 73.6285, 56.2496



53.4263, 73.6285, 79.1060



55.3141, 73.6285, 107.7896

Triad

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



53.4263, 73.6285, 79.1060



79.0578, 73.6285, 134.5933



79.7602, 73.6285, 43.5462

Complementary

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



53.4263, 73.6285, 79.1060



49.6435, 35.8620, 32.3252

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.



87.0369, 73.6285, 57.7224



53.4263, 73.6285, 79.1060



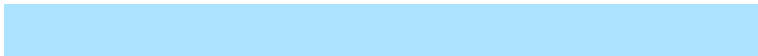
86.6064, 73.6285, 110.0581

Square

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



53.4263, 73.6285, 79.1060



69.6095, 73.6285, 143.8343



89.6460, 73.6285, 81.2413



70.3551, 73.6285, 38.7630

Rectangle

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



53.4263, 73.6285, 79.1060



58.7455, 73.6285, 125.7633



89.6460, 73.6285, 81.2413



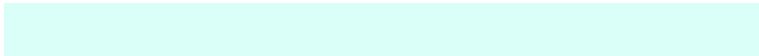
82.5664, 73.6285, 47.1884

Sweetspot

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



53.4284, 73.6314, 79.1077



81.1736, 92.9825, 102.1053



48.0761, 71.9369, 30.7547



17.0039, 19.7150, 21.6567



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.



53.4284, 73.6314, 79.1077



55.5861, 80.1523, 84.6144



47.0958, 55.7506, 93.0761



16.8501, 18.6992, 20.4950



23.0845, 37.3786, 34.7944



2.0635, 3.2991, 3.2404

Inverse Universe

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



49.6435, 35.8620, 32.3252



50.9472, 33.5719, 27.0616



53.3065, 45.8182, 25.4376



16.6311, 16.5353, 17.8042



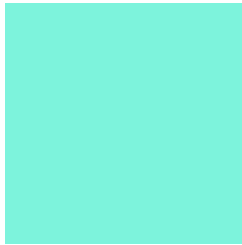
20.6090, 10.5870, 2.6494



1.8459, 0.9443, 0.4149

Previews

White Background



This preview shows how the XYZ color 53.4263, 73.6285, 79.1060 looks on a white background.

Color Contrast Check

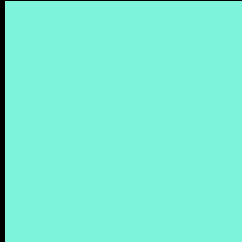
Large Text (above 18pt) WCAG AA × Fail

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 53.4263, 73.6285, 79.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

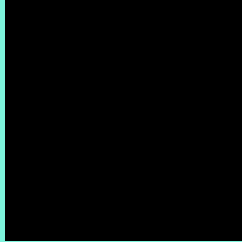
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

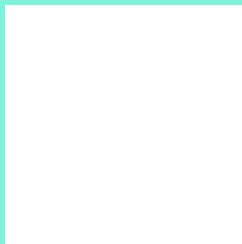
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4263, 73.6285, 79.1060

Background



This preview shows how black text looks on a background with the XYZ color 53.4263, 73.6285, 79.1060.

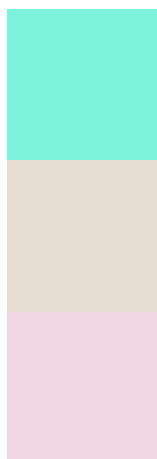


This preview shows how white text looks on a background with the XYZ color 53.4263, 73.6285,

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

53.4263, 73.6285, 79.1060

Protanopia

69.5547, 72.9250, 70.0845

Deuteranopia

74.3035, 72.7926, 82.0857



Tritanopia

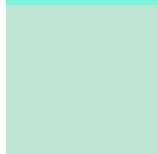
59.6619, 73.6280, 105.6749

Trichromacy



Original Color

53.4263, 73.6285, 79.1060



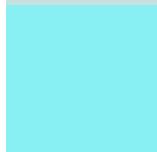
Protanomaly

61.3888, 71.8685, 72.9238



Deuteranomaly

63.9329, 71.3744, 80.9280



Tritanomaly

57.0469, 73.3780, 95.1611

Monochromacy



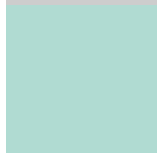
Original Color

53.4263, 73.6285, 79.1060



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.8689, 64.5463, 70.5395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4263, 73.6285, 79.1060 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(125, 243, 220)` looks like.

```
.text, #text, p{  
    color:rgb(125, 243, 220)  
}
```

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(125, 243, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 243, 220) }
```

Border

The CSS property to change the border of an element to XYZ 53.4263, 73.6285, 79.1060 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(125, 243, 220) }
```


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

```
.border{ border-color:rgb(125, 243, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 243, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 243, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 243, 220);  
box-shadow:4px 4px 4px 4px rgb(125, 243,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4263, 73.6285, 79.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 243, 220) }
```

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

```
.background{ background-color: rgb(125,  
243, 220) }
```

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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