

Converting Colors

XYZ(53.5323, 66.4472, 74.4681)

Have a look what the booklet for
XYZ(53.5323, 66.4472, 74.4681)
contains.

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Color

**XYZ(53.5626, 66.5681,
74.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	9EE2D7
RGB	158, 226, 215
RGB Percent	62%, 89%, 84%
CMY	0.3804, 0.1137, 0.1569
CMYK	0.30, 0.00, 0.05, 0.11
HSL	170°, 54%, 75%
HSV	170°, 30%, 89%
XYZ	53.5626, 66.5681, 74.3159
YIQ	204.4140, -36.9970, -17.8370

Conversions

Conversions Part 2

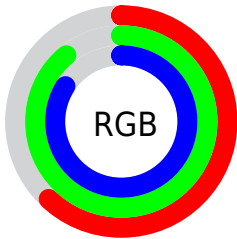
Format	Color
RYB	158, 195, 226
Decimal	10412759
CIELab	85.29, -23.58, -1.46
CIELCh	85, 23.625, 183.546
Yxy	66.5681, 0.2755, 0.3423
Android (android.graphics.Color)	4288602839 (0xFF9EE2D7)
YUV	204.4140, 5.2189, -40.7051
Hunter-Lab	81.5893, -25.5976, 3.1080

Details

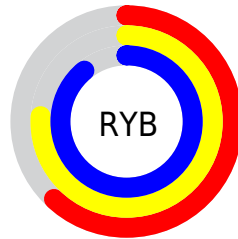
The XYZ color **53.5626, 66.5681, 74.3159** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.7546, 43.4887, 43.2577**, and the grayscale version is **57.6427, 60.6446, 66.0420**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.4288, 34.2306, 38.4719** is the 20% darker color. If you saturate the color by 10%, you get **49.0552, 64.2998, 71.6806**, and if you desaturate by 10%, it is **58.9018, 69.2674, 77.0478**.

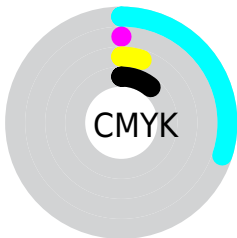
Distribution



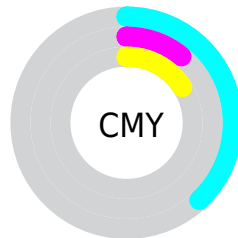
- Red (62%)
- Green (89%)
- Blue (84%)



- Red (62%)
- Yellow (76%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5626, 66.5681, 74.3159 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 53.5626, 66.5681, 74.3159 by changing the saturation by 10% instead.

53.5626, 66.5681,
74.3159

53.5626, 66.5681,
74.3159

390.6655,
448.4059, 494.7555

38.4814, 48.7337,
54.5543

94.5924, 114.3013,
127.0817

26.5354, 34.4083,
38.6488

121.2716,
144.9690, 160.9229

17.3594, 23.2074,
26.1809

152.5476,
180.6831, 200.2945

10.5879, 14.7468,
16.7320

188.7856,
221.8282, 245.6149

5.8557, 8.6418,
9.8837

230.3511,
268.7887, 297.3026

2.7974, 4.5083,
5.2173

277.6093,

1.0475, 1.9618,

321.9488, 355.7763

2.3144

330.9256,
381.6931, 421.4544

■ 0.0000, 0.5851,
0.7392

■ 0.0000, 0.0000,
0.0000

■ 53.5626, 66.5681,
74.3159

■ 53.5626, 66.5681,
74.3159

■ 49.0552, 64.2998,
71.6806

■ 58.9018, 69.2674,
77.0478

■ 45.3289, 62.4314,
69.1350


■ 65.1086, 72.4110,
79.8740


■ 42.3364, 60.9400,
66.6778


■ 72.2236, 76.0215,
82.7983


■ 40.0229, 59.7974,
64.3061


■ 80.2832, 80.1178,
85.8226


 38.3255, 58.9713,
62.0167


 83.1863, 81.5546,
88.6619

 37.1698, 58.4232,
59.8057

 83.7151, 81.7661,
91.4466

 36.4304, 58.0882,
57.6853

 84.2548, 81.9820,
94.2886

 84.8055, 82.2023,
97.1884

 85.3672, 82.4269,
100.1462

Harmonies

Analogous

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



54.5131, 66.5681, 60.1502



53.5626, 66.5681, 74.3159



55.0903, 66.5681, 89.9832

Triad

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



53.5626, 66.5681, 74.3159



69.1186, 66.5681, 99.8679



67.9581, 66.5681, 49.2052

Complementary

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



53.5626, 66.5681, 74.3159



50.7546, 43.4887, 43.2577

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.



72.2239, 66.5681, 57.4101



53.5626, 66.5681, 74.3159



72.9200, 66.5681, 86.3922

Square

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



53.5626, 66.5681, 74.3159



63.9084, 66.5681, 105.9858



74.0868, 66.5681, 70.6772



62.6379, 66.5681, 46.9062

Rectangle

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



53.5626, 66.5681, 74.3159



57.3618, 66.5681, 98.8111



74.0868, 66.5681, 70.6772



69.5727, 66.5681, 51.3012

Sweetspot

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



53.5645, 66.5708, 74.3174



86.5128, 95.6673, 105.4099



49.8037, 65.3360, 42.3350



18.2419, 20.3371, 22.4434



0.0000, 0.0000, 0.0000



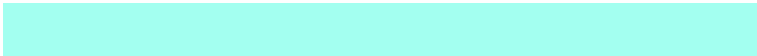
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5645, 66.5708, 74.3174



66.6553, 85.6277, 95.5672



49.2647, 55.6318, 80.0961



14.0163, 15.5323, 17.1212



20.8199, 33.1528, 33.1041



1.4689, 2.3083, 2.4305

Inverse Universe

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



50.7546, 43.4887, 43.2577



62.4140, 50.7420, 48.6521



53.9939, 51.5517, 39.4535



13.7972, 13.7365, 14.7024



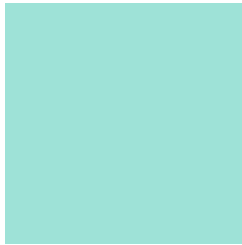
18.1084, 9.3104, 1.9709



1.2832, 0.6566, 0.2842

Previews

White Background



This preview shows how the XYZ color 53.5626, 66.5681, 74.3159 looks on a white background.

Color Contrast Check

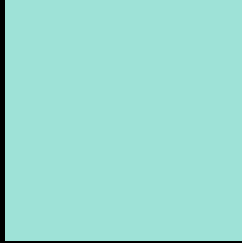
Large Text (above 18pt) WCAG AA × Fail

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 53.5626, 66.5681, 74.3159 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

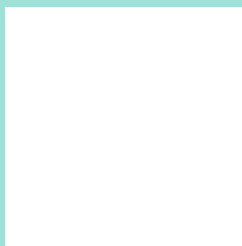
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5626, 66.5681, 74.3159

Background



This preview shows how black text looks on a background with the XYZ color 53.5626, 66.5681, 74.3159.



This preview shows how white text looks on a background with the XYZ color 53.5626, 66.5681,

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

53.5626, 66.5681, 74.3159

Protanopia

63.1720, 65.8452, 68.4114

Deuteranopia

67.4906, 66.0801, 76.2154



Tritanopia

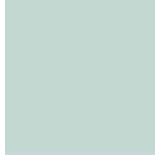
57.1593, 66.4263, 92.2470

Trichromacy



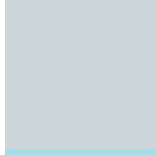
Original Color

53.5626, 66.5681, 74.3159



Protanomaly

58.9537, 65.5006, 70.5085



Deuteranomaly

61.3510, 65.4878, 75.7365



Tritanomaly

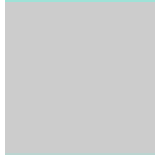
55.7118, 66.2263, 85.4479

Monochromacy



Original Color

53.5626, 66.5681, 74.3159



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.4222, 62.2058, 68.7604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5626, 66.5681, 74.3159 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(158, 226, 215)` looks like.

```
.text, #text, p{  
    color:rgb(158, 226, 215)  
}
```

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(158, 226, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 226, 215) }
```

Border

The CSS property to change the border of an element to XYZ 53.5626, 66.5681, 74.3159 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(158, 226, 215) }
```


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

```
.border{ border-color:rgb(158, 226, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 226, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 226, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 226, 215);  
box-shadow:4px 4px 4px 4px rgb(158, 226,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5626, 66.5681, 74.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 226, 215) }
```

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

```
.background{ background-color: rgb(158,  
226, 215) }
```

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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