

Converting Colors

XYZ(53.3732, 79.1507, 78.2188)

Have a look what the booklet for
XYZ(53.3732, 79.1507, 78.2188)
contains.

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Color

**XYZ(53.3214, 79.1264,
78.1082)**

Conversions

Conversions Part 1

Format	Color
Hex	62FFD9
RGB	98, 255, 217
RGB Percent	38%, 100%, 85%
CMY	0.6157, 0.0000, 0.1490
CMYK	0.62, 0.00, 0.15, 0.00
HSL	165°, 100%, 69%
HSV	165°, 62%, 100%
XYZ	53.3214, 79.1264, 78.1082
YIQ	203.7250, -81.3740, -45.1020

Conversions

Conversions Part 2

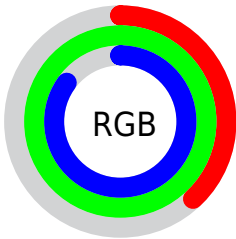
Format	Color
R_{YB}	98, 187, 255
Decimal	6488025
CIE _{Lab}	91.29, -50.09, 5.95
CIE _{LCh}	91, 50.441, 173.227
Yxy	79.1264, 0.2532, 0.3758
Android (android.graphics.Color)	4284678105 (0xFF62FFD9)
YUV	203.7250, 6.5446, -92.7208
Hunter-Lab	88.9530, -48.6689, 10.2055

Details

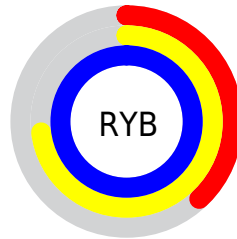
The XYZ color **53.3214, 79.1264, 78.1082** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **50.0525, 31.7742, 26.7891**, and the grayscale version is **57.2183, 60.1981, 65.5558**.

A 20% lighter version of the original color is **68.7103, 86.4214, 107.6673**, and **26.4878, 42.5411, 40.9976** is the 20% darker color. If you saturate the color by 10%, you get **50.2069, 77.6119, 73.8508**, and if you desaturate by 10%, it is **57.3437, 81.1055, 82.5676**.

Distribution



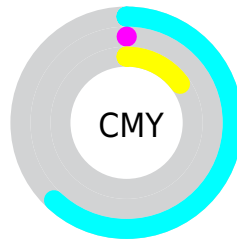
- Red (38%)
- Green (100%)
- Blue (85%)



- Red (38%)
- Yellow (73%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (62%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3214, 79.1264, 78.1082 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 53.3214, 79.1264, 78.1082 by changing the saturation by 10% instead.


 53.3214, 79.1264,
78.1082


 53.3214, 79.1264,
78.1082

389.7577,
491.9838, 508.0719


 38.2879, 58.9997,
57.6459

 94.2399, 132.1368,
132.4899

 26.3844, 42.6129,
41.1112


 120.8556,
165.7893, 167.2464

 17.2457, 29.5815,
28.0856


 152.0627,
204.7192, 207.6046

 10.5062, 19.5212,
18.1506

188.2267,
249.3110, 253.9832

 5.8007, 12.0475,
10.8876

229.7128,
299.9489, 306.8007

 2.7638, 6.7760,
5.8781

276.8865,

 1.0301, 3.3224,

357.0174, 366.4756

2.7035

330.1130,
420.9009, 433.4265

■ 0.0000, 1.3023,
0.9452

■ 0.0000, 0.1430,
0.0000

■ 53.3214, 79.1264,
78.1082

■ 53.3214, 79.1264,
78.1082

■ 50.2069, 77.6119,
73.8508

■ 57.3437, 81.1055,
82.5676

■ 47.9108, 76.5158,
69.7854


■ 62.3467, 83.5866,
87.2299


■ 46.3293, 75.7847,
65.9067

■ 68.3989, 86.6050,
92.1014

■ 45.4170, 75.3828,
62.7732

■ 75.5615, 90.1924,
97.1865

 83.8912, 94.3777,
102.4895

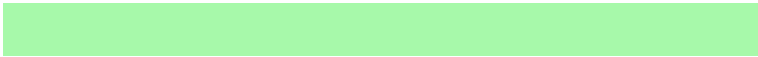
 93.4406, 99.1883,
108.0143

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



57.1672, 79.1264, 50.4766



53.3214, 79.1264, 78.1082



54.7840, 79.1264, 117.0465

Triad

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



53.3214, 79.1264, 78.1082



85.3360, 79.1264, 168.5047



90.9220, 79.1264, 41.1341

Complementary

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



53.3214, 79.1264, 78.1082



50.0525, 31.7742, 26.7891

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.



100.1638, 79.1264, 61.2420



53.3214, 79.1264, 78.1082



96.6917, 79.1264, 135.6079

Square

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



53.3214, 79.1264, 78.1082



72.3423, 79.1264, 176.8021



102.3867, 79.1264, 94.7367



78.1469, 79.1264, 33.4092

Rectangle

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



53.3214, 79.1264, 78.1082



58.6636, 79.1264, 144.0010



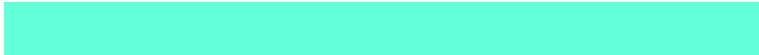
102.3867, 79.1264, 94.7367



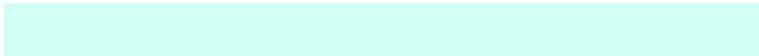
94.6011, 79.1264, 46.3388

Sweetspot

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



53.3223, 79.1269, 78.1096



78.3953, 91.6149, 99.0524



48.3232, 77.7419, 24.0156



16.2825, 19.3597, 20.8750



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.



53.3223, 79.1269, 78.1096



49.5763, 77.3084, 72.8438



47.5799, 58.8015, 103.4498



18.3558, 20.4019, 22.1769



23.7932, 39.4139, 33.1258



2.3595, 3.8547, 3.4508

Inverse Universe

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



50.0525, 31.7742, 26.7891



46.1289, 26.3608, 17.9780



52.4268, 40.1057, 16.5348



18.1896, 18.0591, 19.6155



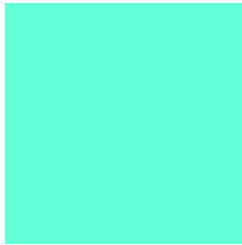
22.0477, 11.3084, 3.6355



2.1874, 1.1174, 0.5685

Previews

White Background



This preview shows how the XYZ color 53.3214, 79.1264, 78.1082 looks on a white background.

Color Contrast Check

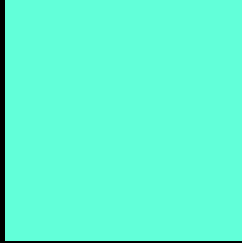
Large Text (above 18pt) WCAG AA × Fail

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 53.3214, 79.1264, 78.1082 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

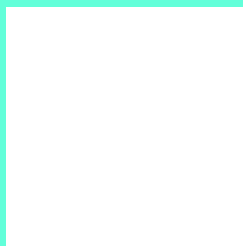
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3214, 79.1264, 78.1082

Background



This preview shows how black text looks on a background with the XYZ color 53.3214, 79.1264, 78.1082.

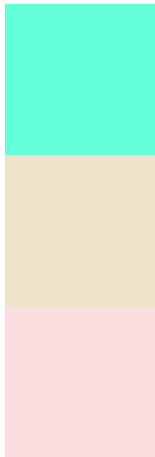


This preview shows how white text looks on a background with the XYZ color 53.3214, 79.1264,

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

53.3214, 79.1264, 78.1082

Protanopia

73.3897, 77.3796, 66.9448

Deuteranopia

79.4559, 77.7902, 81.3482



Tritanopia

65.2312, 78.2376, 106.2711

Trichromacy



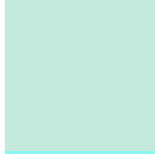
Original Color

53.3214, 79.1264, 78.1082



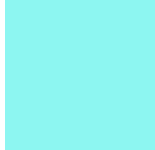
Protanomaly

62.0402, 75.6382, 70.3612



Deuteranomaly

64.9550, 75.2340, 79.5047



Tritanomaly

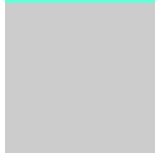
59.8175, 77.9251, 95.1074

Monochromacy



Original Color

53.3214, 79.1264, 78.1082



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

53.4133, 65.3781, 70.1257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3214, 79.1264, 78.1082 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(98, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(98, 255, 217)  
}
```

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(98, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 255, 217) }
```

Border

The CSS property to change the border of an element to XYZ 53.3214, 79.1264, 78.1082 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(98, 255, 217) }
```


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

```
.border{ border-color:rgb(98, 255, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(98, 255,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3214, 79.1264, 78.1082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 255, 217) }
```

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

```
.background{ background-color: rgb(98, 255,  
217) }
```

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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