

Converting Colors

XYZ(50.8064, 74.7366, 52.1485)

Have a look what the booklet for
XYZ(50.8064, 74.7366, 52.1485)
contains.

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Color

**XYZ(50.8301, 74.6850,
52.2941)**

Conversions

Conversions Part 1

Format	Color
Hex	86F7AF
RGB	134, 247, 175
RGB Percent	53%, 97%, 69%
CMY	0.4745, 0.0314, 0.3137
CMYK	0.46, 0.00, 0.29, 0.03
HSL	142°, 88%, 75%
HSV	142°, 46%, 97%
XYZ	50.8301, 74.6850, 52.2941
YIQ	205.0050, -44.2360, -46.3480

Conversions

Conversions Part 2

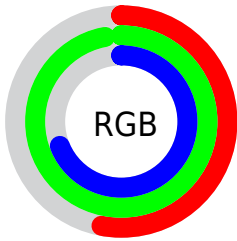
Format	Color
RYB	134, 217, 247
Decimal	8845231
CIELab	89.25, -47.79, 24.83
CIElCh	89, 53.861, 152.545
Yxy	74.6850, 0.2859, 0.4200
Android (android.graphics.Color)	4287035311 (0xFF86F7AF)
YUV	205.0050, -14.7925, -62.2714
Hunter-Lab	86.4205, -46.2472, 24.6172

Details

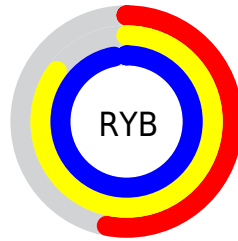
The XYZ color **50.8301, 74.6850, 52.2941** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.0258, 41.2821, 63.3049**, and the grayscale version is **58.1443, 61.1724, 66.6167**.

A 20% lighter version of the original color is **71.9220, 88.4960, 88.8920**, and **24.8280, 39.7279, 24.7720** is the 20% darker color. If you saturate the color by 10%, you get **45.8869, 72.3071, 44.4593**, and if you desaturate by 10%, it is **56.8767, 77.6151, 61.1243**.

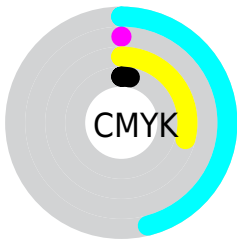
Distribution



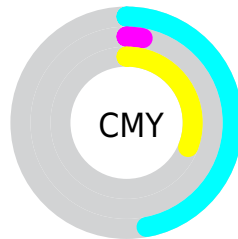
- Red (53%)
- Green (97%)
- Blue (69%)



- Red (53%)
- Yellow (85%)
- Blue (97%)



- Cyan (46%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)





- Cyan (47%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8301, 74.6850, 52.2941 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 50.8301, 74.6850, 52.2941 by changing the saturation by 10% instead.


 50.8301, 74.6850,
52.2941

 50.8301, 74.6850,
52.2941


380.3019,
476.8342, 412.5602


 36.2939, 55.3549,
36.8557


 90.5881, 125.8664,
94.9958

 24.8324, 39.6859,
24.8009


 116.5406,
158.4864, 123.0962

 16.0803, 27.2937,
15.7111


 147.0292,
196.3052, 156.2544

 9.6722, 17.7940,
9.1678

182.4193,
239.7071, 194.8888

 5.2428, 10.8022,
4.7525

223.0763,
289.0766, 239.4180

 2.4266, 5.9340,
2.0466

269.3655,

 0.8584, 2.8050,

344.7980, 290.2607

0.5837

321.6522,
407.2557, 347.8352

0.0000, 1.0308,
0.0000

0.0000, 0.0000,
0.0000

50.8301, 74.6850,
52.2941

50.8301, 74.6850,
52.2941

45.8869, 72.3071,
44.4593

56.8767, 77.6151,
61.1243

41.9702, 70.4362,
37.5793


64.0854, 81.1206,
70.9784

39.0019, 69.0348,
31.6181


72.5176, 85.2348,
81.8902


36.8895, 68.0561,
26.5353

82.2285, 89.9854,
93.8901

 35.5193, 67.4424,
22.2870

 92.3427, 94.9206,
106.9642

 35.0915, 67.2561,
20.7206

 92.5522, 95.0044,
108.0674

Harmonies

Analogous

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



58.2341, 74.6850, 34.2775



50.8301, 74.6850, 52.2941



48.6042, 74.6850, 84.5775

Triad

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



50.8301, 74.6850, 52.2941



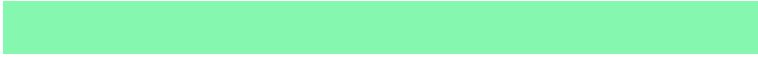
72.1146, 74.6850, 177.2315



94.5040, 74.6850, 48.2534

Complementary

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



50.8301, 74.6850, 52.2941



58.0258, 41.2821, 63.3049

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.



99.3597, 74.6850, 78.1459



50.8301, 74.6850, 52.2941



85.4752, 74.6850, 158.9074

Square

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



50.8301, 74.6850, 52.2941



59.9551, 74.6850, 163.9867



95.8693, 74.6850, 119.4820



83.2929, 74.6850, 32.5014

Rectangle

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



50.8301, 74.6850, 52.2941



50.1010, 74.6850, 112.3625



95.8693, 74.6850, 119.4820



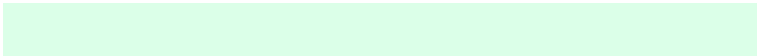
96.9921, 74.6850, 56.5954

Sweetspot

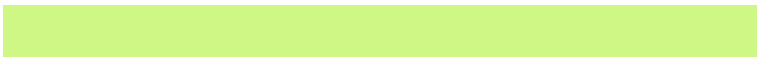
The Sweet Spot groups the original color and five complimentary colors.



50.8321, 74.6881, 52.2958



79.6652, 92.4672, 90.1816



63.4244, 81.5765, 34.9579



16.5968, 19.5695, 18.7296



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.



50.8321, 74.6881, 52.2958



49.6470, 77.8878, 48.3191



57.3845, 77.3090, 86.8005



16.5307, 18.5714, 18.8129



18.6199, 35.5928, 11.2843



1.6840, 3.1473, 1.2419

Inverse Universe

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



58.0258, 41.2821, 63.3049



58.2549, 37.8296, 61.4294



52.4668, 39.0585, 34.0315



16.9436, 16.6603, 19.4495



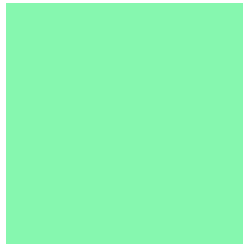
23.5925, 11.7804, 18.3604



2.1227, 1.0551, 1.8727

Previews

White Background



This preview shows how the XYZ color 50.8301, 74.6850, 52.2941 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 50.8301, 74.6850, 52.2941 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 50.8301, 74.6850, 52.2941

Background



This preview shows how black text looks on a background with the XYZ color 50.8301, 74.6850, 52.2941.

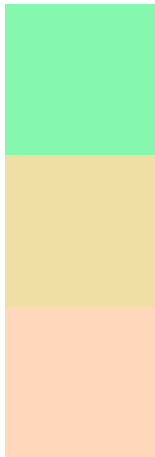


This preview shows how white text looks on a background with the XYZ color 50.8301, 74.6850,

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

50.8301, 74.6850, 52.2941

Protanopia

68.6851, 73.8064, 45.7479

Deuteranopia

74.5101, 73.4487, 57.2636



Tritanopia

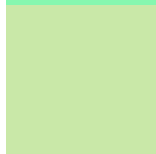
61.5630, 74.1795, 105.6811

Trichromacy



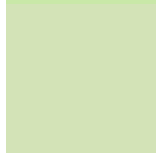
Original Color

50.8301, 74.6850, 52.2941



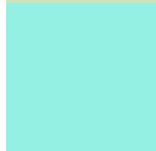
Protanomaly

60.0119, 72.9579, 47.9651



Deuteranomaly

62.8803, 72.2060, 55.4227



Tritanomaly

56.9202, 74.0142, 83.2377

Monochromacy



Original Color

50.8301, 74.6850, 52.2941



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

53.9212, 64.6651, 60.6786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8301, 74.6850, 52.2941 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(134, 247, 175)` looks like.

```
.text, #text, p{  
    color:rgb(134, 247, 175)  
}
```

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(134, 247, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 247, 175) }
```

Border

The CSS property to change the border of an element to XYZ 50.8301, 74.6850, 52.2941 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(134, 247, 175) }
```


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

```
.border{ border-color:rgb(134, 247, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 247, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 247, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 247, 175);  
box-shadow:4px 4px 4px 4px rgb(134, 247,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8301, 74.6850, 52.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 247, 175) }
```

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

```
.background{ background-color: rgb(134,  
247, 175) }
```

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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