

Converting Colors

XYZ(52.9271, 67.4741, 92.6723)

Have a look what the booklet for
XYZ(52.9271, 67.4741, 92.6723)
contains.

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Color

**XYZ(52.9271, 67.4741,
92.6723)**

Conversions

Conversions Part 1

Format	Color
Hex	80E6F0
RGB	128, 230, 240
RGB Percent	50%, 90%, 94%
CMY	0.4980, 0.0980, 0.0588
CMYK	0.47, 0.04, 0.00, 0.06
HSL	185°, 79%, 72%
HSV	185°, 47%, 94%
XYZ	52.9271, 67.4741, 92.6723
YIQ	200.6420, -64.0020, -18.5140

Conversions

Conversions Part 2

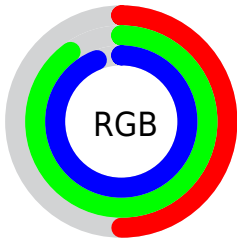
Format	Color
R_{YB}	128, 181, 240
Decimal	8447728
CIE _{Lab}	85.74, -27.19, -14.12
CIE _{LCh}	86, 30.638, 207.439
Y _{xy}	67.4741, 0.2484, 0.3167
Android (android.graphics.Color)	4286637808 (0xFF80E6F0)
YUV	200.6420, 19.4035, -63.7070
Hunter-Lab	82.1426, -28.7364, -9.3904

Details

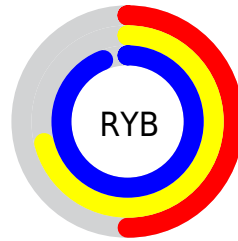
The XYZ color **52.9271, 67.4741, 92.6723** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.9212, 38.2620, 25.2308**, and the grayscale version is **55.2098, 58.0850, 63.2546**.

A 20% lighter version of the original color is **74.3035, 89.3048, 107.9291**, and **26.1025, 34.9261, 50.7131** is the 20% darker color. If you saturate the color by 10%, you get **49.1432, 64.6453, 92.3269**, and if you desaturate by 10%, it is **57.5761, 70.7629, 93.0633**.

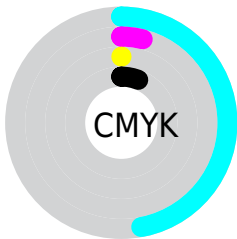
Distribution



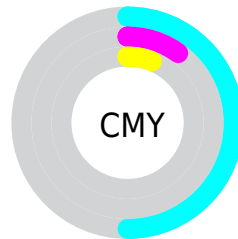
- Red (50%)
- Green (90%)
- Blue (94%)



- Red (50%)
- Yellow (71%)
- Blue (94%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (50%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9271, 67.4741, 92.6723 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 52.9271, 67.4741, 92.6723 by changing the saturation by 10% instead.


 52.9271, 67.4741,
92.6723


 52.9271, 67.4741,
92.6723


388.2708,
451.6305, 557.4788


 37.9718, 49.4700,
69.6130


 93.6632, 115.5995,
153.0126

 26.1379, 34.9925,
50.7363


 120.1748,
146.4896, 191.1307

 17.0601, 23.6571,
35.6235


 151.2692,
182.4438, 235.1055

 10.3729, 15.0794,
23.8562

187.3118,
223.8465, 285.3556

 5.7111, 8.8752,
15.0157

228.6679,
271.0821, 342.2994

 2.7092, 4.6598,
8.6837

275.7028,

 1.0019, 2.0491,

324.5351, 406.3555

4.4415

328.7820,
384.5897, 477.9424

■ 0.0000, 0.6358,
1.8705

■ 0.0000, 0.0000,
0.4739

■ 52.9271, 67.4741,
92.6723

■ 52.9271, 67.4741,
92.6723

■ 49.1432, 64.6453,
92.3269

■ 57.5761, 70.7629,
93.0633

■ 46.1571, 62.2370,
92.0195


■ 63.1392, 74.5323,
93.4976


■ 43.9015, 60.2162,
91.7483


■ 69.6691, 78.8110,
93.9793


■ 42.2954, 58.5409,
91.5096


■ 77.2125, 83.6232,
94.5106


 41.2362, 57.1583,
91.2985


 85.8132, 88.9915,
95.0935

 40.9497, 56.7340,
91.2317

 88.9767, 91.5679,
95.4240

 89.6211, 92.8567,
95.6388

 90.2730, 94.1606,
95.8562

 90.9325, 95.4796,
96.0760

Harmonies

Analogous

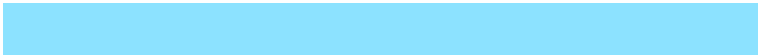
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.6194, 67.4741, 71.7608



52.9271, 67.4741, 92.6723



57.1664, 67.4741, 110.9226

Triad

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



52.9271, 67.4741, 92.6723



76.1409, 67.4741, 96.1948



64.7347, 67.4741, 41.3307

Complementary

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



52.9271, 67.4741, 92.6723



48.9212, 38.2620, 25.2308

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.



71.6418, 67.4741, 45.5650



52.9271, 67.4741, 92.6723



78.5192, 67.4741, 75.2017

Square

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



52.9271, 67.4741, 92.6723



70.5274, 67.4741, 113.2023



76.8165, 67.4741, 57.1186



58.1356, 67.4741, 44.3252

Rectangle

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



52.9271, 67.4741, 92.6723



61.2530, 67.4741, 117.8113



76.8165, 67.4741, 57.1186



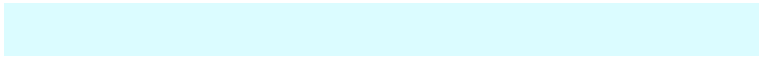
67.1001, 67.4741, 41.9354

Sweetspot

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



52.9291, 67.4767, 92.6739



82.1055, 91.8301, 108.0053



44.6031, 68.7265, 34.7091



17.1919, 19.4096, 23.0903



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.



52.9291, 67.4767, 92.6739



56.5849, 74.3326, 105.9730



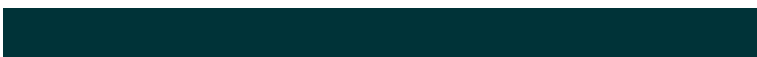
39.8972, 41.4127, 88.3299



16.1197, 17.6735, 20.2833



22.4671, 31.1585, 49.9579



1.9041, 2.6622, 4.1677

Inverse Universe

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



57.9390, 39.6786, 79.4707



63.1212, 39.3185, 88.4658



58.9767, 58.3730, 28.5826



16.3899, 16.0057, 19.6092



26.6660, 12.9388, 37.7533



2.2361, 1.0835, 3.2339

Previews

White Background



This preview shows how the XYZ color 52.9271, 67.4741, 92.6723 looks on a white background.

Color Contrast Check

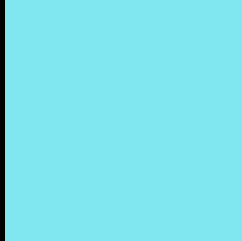
Large Text (above 18pt) WCAG AA × Fail

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 52.9271, 67.4741, 92.6723 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 52.9271, 67.4741, 92.6723

Background



This preview shows how black text looks on a background with the XYZ color 52.9271, 67.4741, 92.6723.

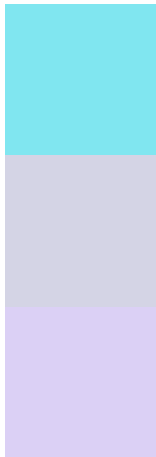


This preview shows how white text looks on a background with the XYZ color 52.9271, 67.4741,

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

52.9271, 67.4741, 92.6723

Protanopia

64.8377, 66.7412, 83.5938

Deuteranopia

68.2507, 66.7644, 95.6758



Tritanopia

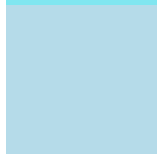
54.0137, 67.4998, 98.1776

Trichromacy



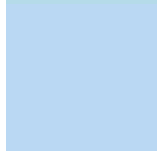
Original Color

52.9271, 67.4741, 92.6723



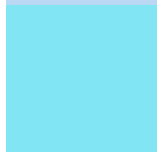
Protanomaly

59.0956, 66.3700, 86.7868



Deuteranomaly

60.9832, 66.0219, 94.3234



Tritanomaly

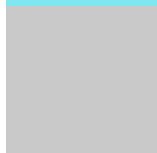
53.4017, 67.2374, 95.7515

Monochromacy



Original Color

52.9271, 67.4741, 92.6723



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.2648, 60.9919, 73.2552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9271, 67.4741, 92.6723 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(128, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(128, 230, 240)  
}
```

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(128, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 230, 240) }
```

Border

The CSS property to change the border of an element to XYZ 52.9271, 67.4741, 92.6723 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(128, 230, 240) }
```


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

```
.border{ border-color:rgb(128, 230, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 230, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 230, 240); box-shadow:4px 4px 4px 4px rgb(128, 230, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9271, 67.4741, 92.6723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 230, 240) }
```

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

```
.background{ background-color: rgb(128,  
230, 240) }
```

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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