

Converting Colors

XYZ(52.9287, 72.5636, 75.5104)

Have a look what the booklet for
XYZ(52.9287, 72.5636, 75.5104)
contains.

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Color

**XYZ(52.9270, 72.5627,
75.5064)**

Conversions

Conversions Part 1

Format	Color
Hex	82F1D7
RGB	130, 241, 215
RGB Percent	51%, 95%, 84%
CMY	0.4902, 0.0549, 0.1569
CMYK	0.46, 0.00, 0.11, 0.05
HSL	166°, 80%, 73%
HSV	166°, 46%, 95%
XYZ	52.9270, 72.5627, 75.5064
YIQ	204.8470, -57.8100, -31.6180

Conversions

Conversions Part 2

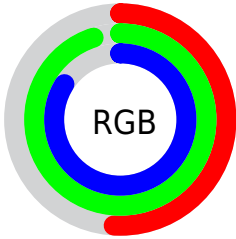
Format	Color
R _Y B	130, 193, 241
Decimal	8581591
CIE Lab	88.24, -37.95, 2.70
CIE LCh	88, 38.046, 175.937
Yxy	72.5627, 0.2633, 0.3610
Android (android.graphics.Color)	4286771671 (0xFF82F1D7)
YUV	204.8470, 5.0054, -65.6408
Hunter-Lab	85.1837, -38.1646, 7.0743

Details

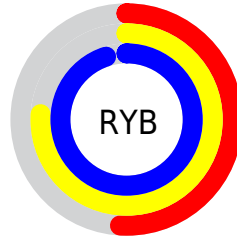
The XYZ color **52.9270, 72.5627, 75.5064** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **50.2615, 37.0684, 35.9613**, and the grayscale version is **57.9284, 60.9452, 66.3693**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **26.0114, 38.1211, 39.2449** is the 20% darker color. If you saturate the color by 10%, you get **48.9417, 70.5924, 71.5992**, and if you desaturate by 10%, it is **57.8071, 74.9950, 79.5893**.

Distribution



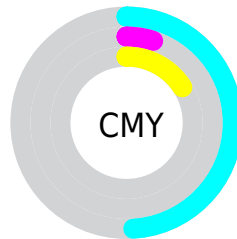
- Red (51%)
- Green (95%)
- Blue (84%)



- Red (51%)
- Yellow (76%)
- Blue (95%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)





- Cyan (49%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9270, 72.5627, 75.5064 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 52.9270, 72.5627, 75.5064 by changing the saturation by 10% instead.


 52.9270, 72.5627,
75.5064


 52.9270, 72.5627,
75.5064

388.2704,
469.4978, 498.9581


 37.9717, 53.6185,
55.5236


 93.6631, 122.8562,
128.7826

 26.1379, 38.2967,
39.4197


 120.1747,
154.9743, 162.9131

 17.0600, 26.2131,
26.7760


 151.2690,
192.2524, 202.5967

 10.3729, 16.9831,
17.1741

187.3115,
235.0750, 248.2517

 5.7110, 10.2224,
10.1955

228.6676,
283.8264, 300.2969

 2.7092, 5.5467,
5.4214

275.7025,

 1.0019, 2.5715,

338.8911, 359.1506

2.4336

328.7817,
400.6534, 425.2315

■ 0.0000, 0.9123,
0.8046

■ 0.0000, 0.0000,
0.0000

■ 52.9270, 72.5627,
75.5064

■ 52.9270, 72.5627,
75.5064

■ 48.9417, 70.5924,
71.5992

■ 57.8071, 74.9950,
79.5893

■ 45.7835, 69.0438,
67.8586


■ 63.6314, 77.9094,
83.8468


■ 43.3847, 67.8839,
64.2816

■ 70.4532, 81.3350,
88.2843


■ 41.6641, 67.0708,
60.8630


■ 78.3196, 85.2961,
92.9051


 40.5209, 66.5525,
57.5969

 87.2750, 89.8157,
97.7126

 40.1658, 66.3967,
56.3478

 89.7760, 91.0048,
102.3549

 90.6695, 91.3622,
107.0602

 90.7465, 91.3930,
107.4655

Harmonies

Analogous

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



55.4488, 72.5627, 54.1049



52.9270, 72.5627, 75.5064



54.3824, 72.5627, 103.0497

Triad

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



52.9270, 72.5627, 75.5064



76.9191, 72.5627, 133.2662



79.2546, 72.5627, 44.3045

Complementary

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



52.9270, 72.5627, 75.5064



50.2615, 37.0684, 35.9613

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.



85.9544, 72.5627, 59.0313



52.9270, 72.5627, 75.5064



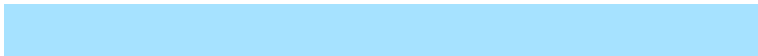
84.5248, 72.5627, 110.5766

Square

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



52.9270, 72.5627, 75.5064



67.7348, 72.5627, 140.3717



87.9626, 72.5627, 82.6171



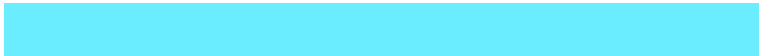
70.2175, 72.5627, 38.7827

Rectangle

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



52.9270, 72.5627, 75.5064



57.4877, 72.5627, 120.8271



87.9626, 72.5627, 82.6171



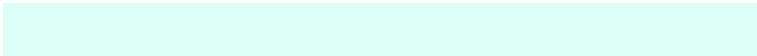
81.8847, 72.5627, 48.1592

Sweetspot

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



52.9291, 72.5656, 75.5081



81.7963, 93.3197, 101.4037



49.5383, 71.7691, 32.3624



17.1163, 19.7773, 21.4652



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, 72.5656, 75.5081



56.0017, 80.4297, 81.7825



48.9426, 58.8137, 91.9950



16.0798, 17.8619, 19.4429



21.8348, 36.0259, 30.8428



1.8543, 3.0122, 2.7652

Inverse Universe

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



50.2615, 37.0684, 35.9613



52.6563, 35.5901, 31.9474



52.4916, 44.6833, 26.9787



15.9245, 15.8195, 17.1587



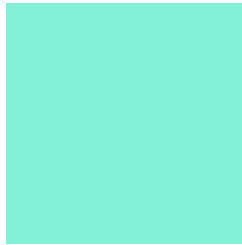
20.1077, 10.3155, 3.2177



1.7100, 0.8731, 0.4640

Previews

White Background



This preview shows how the XYZ color 52.9270, 72.5627, 75.5064 looks on a white background.

Color Contrast Check

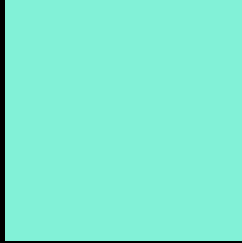
Large Text (above 18pt) WCAG AA × Fail

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 52.9270, 72.5627, 75.5064 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

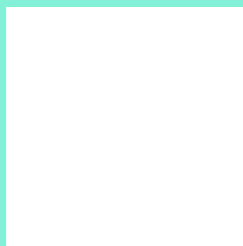
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9270, 72.5627, 75.5064

Background



This preview shows how black text looks on a background with the XYZ color 52.9270, 72.5627, 75.5064.



This preview shows how white text looks on a background with the XYZ color 52.9270, 72.5627,

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

52.9270, 72.5627, 75.5064

Protanopia

68.1059, 71.4688, 66.7052

Deuteranopia

73.1210, 71.5097, 78.3555



Tritanopia

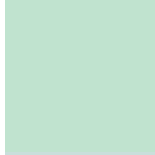
58.5822, 72.2351, 104.6211

Trichromacy



Original Color

52.9270, 72.5627, 75.5064



Protanomaly

60.4698, 70.6496, 69.4811



Deuteranomaly

63.2613, 70.3073, 77.2543



Tritanomaly

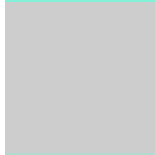
56.3289, 72.1780, 93.4010

Monochromacy



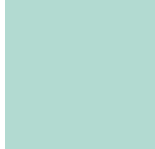
Original Color

52.9270, 72.5627, 75.5064



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.9401, 64.2112, 69.8200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9270, 72.5627, 75.5064 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(130, 241, 215)` looks like.

```
.text, #text, p{  
    color:rgb(130, 241, 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(130, 241, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 241, 215) }
```

Border

The CSS property to change the border of an element to XYZ 52.9270, 72.5627, 75.5064 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(130, 241, 215) }
```


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

```
.border{ border-color:rgb(130, 241, 215) }
```

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

Here you see how a box with a 4 pixel rgb(130, 241, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 241, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 241, 215);  
box-shadow:4px 4px 4px 4px rgb(130, 241,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9270, 72.5627, 75.5064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 241, 215) }
```

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

```
.background{ background-color: rgb(130,  
241, 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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