

Converting Colors

XYZ(52.8566, 64.2253, 91.2722)

Have a look what the booklet for
XYZ(52.8566, 64.2253, 91.2722)
contains.

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Color

**XYZ(52.8566, 64.2253,
91.2722)**

Conversions

Conversions Part 1

Format	Color
Hex	8EDEEF
RGB	142, 222, 239
RGB Percent	56%, 87%, 94%
CMY	0.4431, 0.1294, 0.0627
CMYK	0.41, 0.07, 0.00, 0.06
HSL	191°, 75%, 75%
HSV	191°, 41%, 94%
XYZ	52.8566, 64.2253, 91.2722
YIQ	200.0180, -53.1370, -11.6730

Conversions

Conversions Part 2

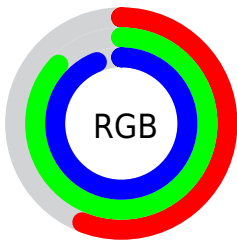
Format	Color
R _Y B	142, 186, 239
Decimal	9363183
CIE Lab	84.08, -20.22, -16.02
CIE LCh	84, 25.797, 218.390
Yxy	64.2253, 0.2537, 0.3083
Android (android.graphics.Color)	4287553263 (0xFF8EDEEF)
YUV	200.0180, 19.2181, -50.8818
Hunter-Lab	80.1407, -22.5170, -11.4269

Details

The XYZ color **52.8566, 64.2253, 91.2722** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.8784, 45.1011, 31.5113**, and the grayscale version is **54.8213, 57.6763, 62.8095**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **26.1123, 32.9876, 49.7907** is the 20% darker color. If you saturate the color by 10%, you get **48.0892, 60.1381, 90.7357**, and if you desaturate by 10%, it is **58.5347, 68.8260, 91.8621**.

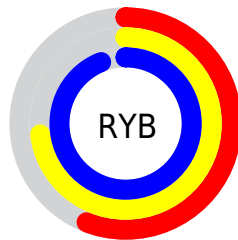
Distribution



Red (56%)

Green (87%)

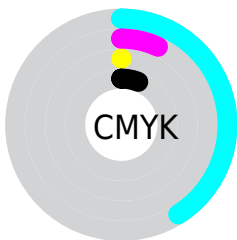
Blue (94%)



Red (56%)

Yellow (73%)

Blue (94%)

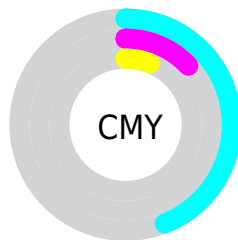


Cyan (41%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (44%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8566, 64.2253, 91.2722 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 52.8566, 64.2253, 91.2722 by changing the saturation by 10% instead.

52.8566, 64.2253,
91.2722

52.8566, 64.2253,
91.2722

388.0046,
440.0028, 552.8372

37.9153, 46.8332,
68.4566

93.5601, 110.9353,
151.0552

26.0939, 32.9038,
49.8003

120.0530,
141.0220, 188.8597

17.0269, 22.0528,
34.8847

151.1272,
176.1091, 232.4976

10.3491, 13.8957,
23.2912

187.1480,
216.5808, 282.3875

5.6951, 8.0481,
14.6014

228.4808,
262.8217, 338.9478

2.6995, 4.1258,
8.3966

275.4909,

0.9969, 1.7442,

315.2160, 402.5972

4.2584

328.5437,
374.1483, 473.7541

■ 0.0000, 0.4520,
1.7681

■ 0.0000, 0.0000,
0.4068

■ 52.8566, 64.2253,
91.2722

■ 52.8566, 64.2253,
91.2722

■ 48.0892, 60.1381,
90.7357

■ 58.5347, 68.8260,
91.8621

■ 44.1696, 56.5272,
90.2453

■ 65.1694, 73.9596,
92.5033

■ 41.0363, 53.3622,
89.7995

■ 72.8106, 79.6537,
93.1996

■ 38.6166, 50.6051,
89.3949

■ 81.5029, 85.9316,
93.9532

■ 36.8235, 48.2109,
89.0273

■ 88.8543, 91.5603,
94.6522

■ 35.5735, 46.2186,
88.7086

■ 90.1217, 94.0951,
95.0747

■ 91.4179, 96.6874,
95.5067

■ 92.5802, 99.0121,
95.8942

Harmonies

Analogous

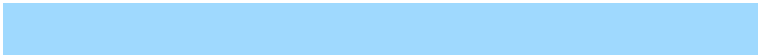
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.8384, 64.2253, 74.6075



52.8566, 64.2253, 91.2722



57.0992, 64.2253, 103.3306

Triad

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



52.8566, 64.2253, 91.2722



71.8024, 64.2253, 82.1288



59.4601, 64.2253, 43.2651

Complementary

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



52.8566, 64.2253, 91.2722



52.8784, 45.1011, 31.5113

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.



65.1669, 64.2253, 44.6361



52.8566, 64.2253, 91.2722



72.5320, 64.2253, 65.4530

Square

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



52.8566, 64.2253, 91.2722



68.1009, 64.2253, 97.5065



70.0365, 64.2253, 52.2053



54.4927, 64.2253, 48.1155

Rectangle

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



52.8566, 64.2253, 91.2722



60.7371, 64.2253, 106.2006



70.0365, 64.2253, 52.2053



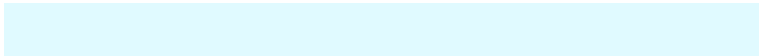
61.3524, 64.2253, 43.0307

Sweetspot

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



52.8586, 64.2278, 91.2737



82.9877, 91.2775, 107.8521



48.2093, 69.9595, 43.3875



17.5047, 19.3467, 23.0616



0.0000, 0.0000, 0.0000



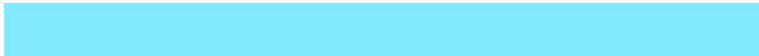
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8586, 64.2278, 91.2737



56.4319, 70.3064, 105.2040



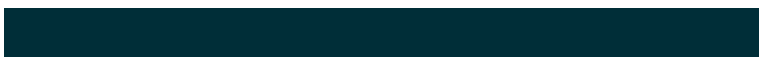
41.9375, 42.3857, 87.6333



15.9980, 17.4301, 20.2428



19.7452, 25.7146, 49.0506



1.7038, 2.2616, 4.1009

Inverse Universe

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



58.4561, 42.9724, 74.3234



63.9521, 43.1277, 82.1224



62.7126, 64.7696, 34.7894



16.3284, 15.9811, 19.2857



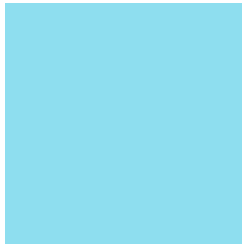
25.2921, 12.3893, 30.5182



2.1349, 1.0430, 2.7015

Previews

White Background



This preview shows how the XYZ color 52.8566, 64.2253, 91.2722 looks on a white background.

Color Contrast Check

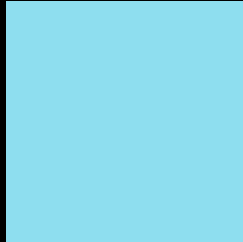
Large Text (above 18pt) WCAG AA × Fail

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 52.8566, 64.2253, 91.2722 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 52.8566, 64.2253, 91.2722

Background



This preview shows how black text looks on a background with the XYZ color 52.8566, 64.2253, 91.2722.



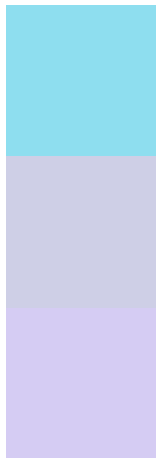
This preview shows how white text looks on a background with the XYZ color 52.8566, 64.2253,

91.2722.

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

52.8566, 64.2253, 91.2722

Protanopia

62.0494, 63.4606, 83.8417

Deuteranopia

65.2111, 63.8029, 93.6722



Tritanopia

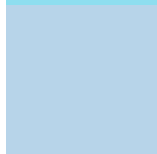
53.0048, 64.2846, 92.0526

Trichromacy



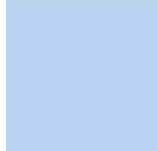
Original Color

52.8566, 64.2253, 91.2722



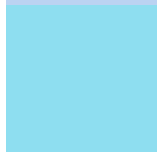
Protanomaly

57.7799, 63.0374, 86.2129



Deuteranomaly

59.8148, 63.5641, 93.1209



Tritanomaly

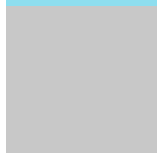
53.0048, 64.2846, 92.0526

Monochromacy



Original Color

52.8566, 64.2253, 91.2722



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

53.2839, 59.5505, 72.3044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8566, 64.2253, 91.2722 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(142, 222, 239)` looks like.

```
.text, #text, p{  
    color:rgb(142, 222, 239)  
}
```

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(142, 222, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 222, 239) }
```

Border

The CSS property to change the border of an element to XYZ 52.8566, 64.2253, 91.2722 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(142, 222, 239) }
```


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

```
.border{ border-color:rgb(142, 222, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 222, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 222, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 222, 239);  
box-shadow:4px 4px 4px 4px rgb(142, 222,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8566, 64.2253, 91.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 222, 239) }
```

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

```
.background{ background-color: rgb(142,  
222, 239) }
```

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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