

Converting Colors

XYZ(60.5619, 78.3858, 91.6688)

Have a look what the booklet for
XYZ(60.5619, 78.3858, 91.6688)
contains.

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Color

**XYZ(60.4905, 78.3572,
91.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	95F6EC
RGB	149, 246, 236
RGB Percent	58%, 96%, 93%
CMY	0.4157, 0.0353, 0.0745
CMYK	0.39, 0.00, 0.04, 0.04
HSL	174°, 84%, 77%
HSV	174°, 39%, 96%
XYZ	60.4905, 78.3572, 91.2932
YIQ	215.8570, -54.6020, -23.6740

Conversions

Conversions Part 2

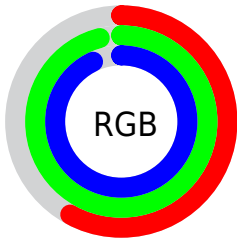
Format	Color
R_{YB}	149, 200, 246
Decimal	9828076
CIE _{Lab}	90.94, -30.88, -4.21
CIE _{LCh}	91, 31.161, 187.761
Yxy	78.3572, 0.2628, 0.3405
Android (android.graphics.Color)	4288018156 (0xFF95F6EC)
YUV	215.8570, 9.9305, -58.6336
Hunter-Lab	88.5196, -32.9301, 0.8160

Details

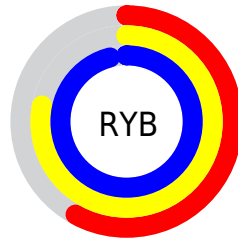
The XYZ color **60.4905, 78.3572, 91.2932** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.0141, 43.5931, 38.3185**, and the grayscale version is **65.1360, 68.5281, 74.6271**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **30.8494, 41.9658, 49.6543** is the 20% darker color. If you saturate the color by 10%, you get **56.1022, 76.1392, 89.1790**, and if you desaturate by 10%, it is **65.8365, 81.0722, 93.4829**.

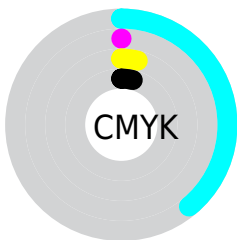
Distribution



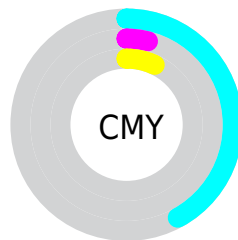
- Red (58%)
- Green (96%)
- Blue (93%)



- Red (58%)
- Yellow (78%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (42%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4905, 78.3572, 91.2932 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 60.4905, 78.3572, 91.2932 by changing the saturation by 10% instead.

60.4905, 78.3572,
91.2932

60.4905, 78.3572,
91.2932

416.2092,
489.3791, 552.9069

44.0651, 58.3675,
68.4740

104.6432,
131.0535, 151.0846

30.9198, 42.1041,
49.8143

133.1011,
164.5289, 188.8938

20.6893, 29.1828,
34.8957

166.3007,
203.2683, 232.5368

13.0083, 19.2192,
23.2997

204.6071,
247.6561, 282.4321

7.5113, 11.8288,
14.6076

248.3858,
298.0767, 338.9982

3.8330, 6.6272,
8.4009

298.0022,

1.6081, 3.2301,

354.9144, 402.6537

4.2611

353.8215,
418.5538, 473.8171

■ 0.3977, 1.2530,
1.7696

■ 0.0000, 0.1044,
0.4078

■ 60.4905, 78.3572,
91.2932

■ 60.4905, 78.3572,
91.2932

■ 56.1022, 76.1392,
89.1790

■ 65.8365, 81.0722,
93.4829

■ 52.6045, 74.3777,
87.1320


■ 72.1882, 84.3031,
95.7455


■ 49.9326, 73.0414,
85.1508


■ 79.5987, 88.0793,
98.0851

■ 48.0099, 72.0907,
83.2316


■ 88.1154, 92.4251,
100.5042


 46.7453, 71.4787,
81.3701


 91.2469, 93.9941,
102.6990

 45.9966, 71.1320,
79.5595

 91.6447, 94.1532,
104.7938

 45.9599, 71.1153,
79.4575

 92.0479, 94.3145,
106.9168

 92.2471, 94.3942,
107.9657

Harmonies

Analogous

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



61.3522, 78.3572, 69.9708



60.4905, 78.3572, 91.2932



63.1621, 78.3572, 114.6426

Triad

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



60.4905, 78.3572, 91.2932



84.1135, 78.3572, 124.2882



80.3402, 78.3572, 51.2154

Complementary

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



60.4905, 78.3572, 91.2932



55.0141, 43.5931, 38.3185

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.



87.0666, 78.3572, 61.4755



60.4905, 78.3572, 91.2932



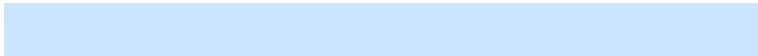
89.3497, 78.3572, 102.7589

Square

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



60.4905, 78.3572, 91.2932



76.5344, 78.3572, 135.7563



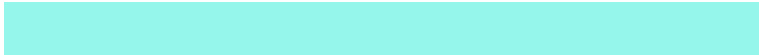
90.4667, 78.3572, 79.6087



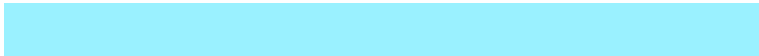
72.4551, 78.3572, 49.2336

Rectangle

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



60.4905, 78.3572, 91.2932



66.7059, 78.3572, 127.3849



90.4667, 78.3572, 79.6087



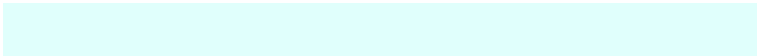
82.8276, 78.3572, 53.7107

Sweetspot

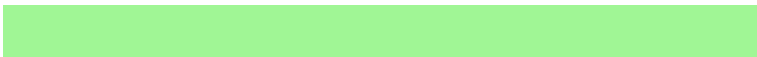
The Sweet Spot groups the original color and five complimentary colors.



60.4928, 78.3603, 91.2950



84.1707, 94.4497, 105.7607



52.9436, 75.5909, 40.2354



17.7850, 20.0984, 22.5656



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.



60.4928, 78.3603, 91.2950



61.8994, 83.1328, 97.2941



51.7868, 58.5570, 95.7654



16.9187, 18.7266, 20.8564



24.5614, 37.9694, 42.5715



2.1795, 3.3455, 3.8512

Inverse Universe

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



55.0141, 43.5931, 38.3185



55.2314, 40.7524, 32.7685



61.0311, 56.9604, 36.2131



16.5686, 16.5103, 17.4746



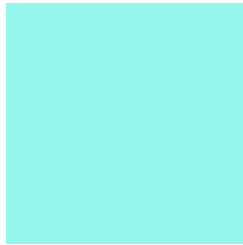
20.4054, 10.5056, 1.5772



1.8161, 0.9324, 0.2579

Previews

White Background



This preview shows how the XYZ color 60.4905, 78.3572, 91.2932 looks on a white background.

Color Contrast Check

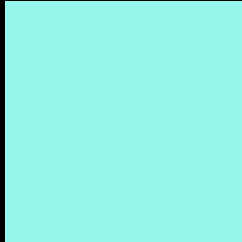
Large Text (above 18pt) WCAG AA × Fail

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 60.4905, 78.3572, 91.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

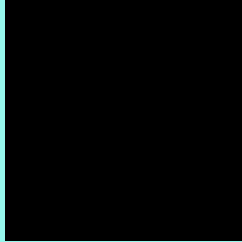
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4905, 78.3572, 91.2932

Background



This preview shows how black text looks on a background with the XYZ color 60.4905, 78.3572, 91.2932.



This preview shows how white text looks on a background with the XYZ color 60.4905, 78.3572,

91.2932.

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

60.4905, 78.3572, 91.2932

Protanopia

74.3384, 77.5302, 82.2809

Deuteranopia

79.0419, 77.2969, 93.9729



Tritanopia

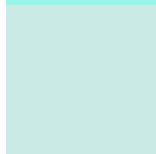
66.3721, 77.9517, 106.1557

Trichromacy



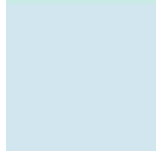
Original Color

60.4905, 78.3572, 91.2932



Protanomaly

67.9228, 77.0593, 85.4228



Deuteranomaly

70.1713, 76.3809, 92.7059



Tritanomaly

64.2125, 78.2809, 100.5323

Monochromacy



Original Color

60.4905, 78.3572, 91.2932



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.5266, 71.4724, 80.3121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4905, 78.3572, 91.2932 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(149, 246, 236)` looks like.

```
.text, #text, p{  
    color:rgb(149, 246, 236)  
}
```

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(149, 246, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 246, 236) }
```

Border

The CSS property to change the border of an element to XYZ 60.4905, 78.3572, 91.2932 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(149, 246, 236) }
```


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

```
.border{ border-color:rgb(149, 246, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 246, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 246, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 246, 236);  
box-shadow:4px 4px 4px 4px rgb(149, 246,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4905, 78.3572, 91.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 246, 236) }
```

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

```
.background{ background-color: rgb(149,  
246, 236) }
```

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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