

Converting Colors

XYZ(52.6076, 61.7610, 93.7978)

Have a look what the booklet for
XYZ(52.6076, 61.7610, 93.7978)
contains.

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Color

**XYZ(52.5876, 61.6938,
93.9305)**

Conversions

Conversions Part 1

Format	Color
Hex	92D8F3
RGB	146, 216, 243
RGB Percent	57%, 85%, 95%
CMY	0.4274, 0.1529, 0.0471
CMYK	0.40, 0.11, 0.00, 0.05
HSL	197°, 80%, 76%
HSV	197°, 40%, 95%
XYZ	52.5876, 61.6938, 93.9305
YIQ	198.1480, -50.3870, -6.4430

Conversions

Conversions Part 2

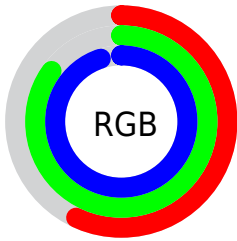
Format	Color
R_{YB}	146, 187, 243
Decimal	9623795
CIE _{Lab}	82.75, -15.17, -20.13
CIE _{LCh}	83, 25.210, 232.992
Yxy	61.6938, 0.2526, 0.2963
Android (android.graphics.Color)	4287813875 (0xFF92D8F3)
YUV	198.1480, 22.1120, -45.7338
Hunter-Lab	78.5454, -17.9454, -15.9217

Details

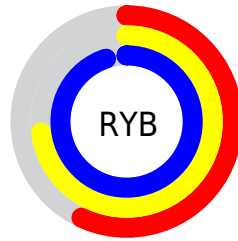
The XYZ color **52.5876, 61.6938, 93.9305** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **57.0952, 51.0183, 34.0341**, and the grayscale version is **53.6598, 56.4543, 61.4787**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **25.9310, 31.2513, 51.6791** is the 20% darker color. If you saturate the color by 10%, you get **47.0215, 56.3060, 93.1850**, and if you desaturate by 10%, it is **59.1469, 67.7023, 94.7456**.

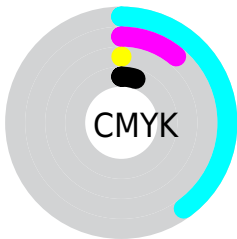
Distribution



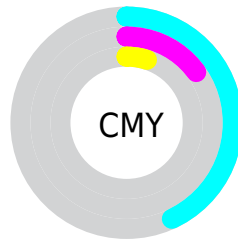
- Red (57%)
- Green (85%)
- Blue (95%)



- Red (57%)
- Yellow (73%)
- Blue (95%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (43%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5876, 61.6938, 93.9305 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 52.5876, 61.6938, 93.9305 by changing the saturation by 10% instead.

■ 52.5876, 61.6938,
93.9305

■ 52.5876, 61.6938,
93.9305

386.9877,
430.8133, 561.6320

■ 37.6998, 44.7853,
70.6532

■ 93.1664, 107.2829,
154.7691

■ 25.9259, 31.2884,
51.5791

■ 119.5880,
136.7322, 193.1674

■ 16.9006, 20.8185,
36.2898

150.5851,
171.1307, 237.4431

■ 10.2585, 12.9914,
24.3666

186.5228,
210.8627, 288.0148

■ 5.6343, 7.4226,
15.3911

227.7665,
256.3125, 345.3010

■ 2.6625, 3.7278,
8.9447

274.6817,

■ 0.9779, 1.5225,

307.8646, 409.7203

4.6088

327.6336,
365.9034, 481.6911

■ 0.0000, 0.3045,
1.9649

■ 0.0000, 0.0000,
0.5336

■ 52.5876, 61.6938,
93.9305

■ 52.5876, 61.6938,
93.9305

■ 47.0215, 56.3060,
93.1850

■ 59.1469, 67.7023,
94.7456

■ 42.3833, 51.4999,
92.5018

■ 66.7479, 74.3535,
95.6288

■ 38.6087, 47.2422,
91.8789

■ 75.4429, 81.6771,
96.5841

■ 35.6218, 43.4927,
91.3126

■ 85.2787, 89.6982,
97.6140

■ 33.3327, 40.2037,
90.7984

■ 91.5481, 95.9916,
98.4983

■ 31.5927, 37.2971,
90.3291

■ 93.1779, 99.2512,
99.0415

■ 31.5791, 37.2736,
90.3253

Harmonies

Analogous

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



49.5603, 61.6938, 79.5163



52.5876, 61.6938, 93.9305



57.3761, 61.6938, 101.3558

Triad

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



52.5876, 61.6938, 93.9305



69.5990, 61.6938, 70.8808



54.6619, 61.6938, 43.2795

Complementary

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



52.5876, 61.6938, 93.9305



57.0952, 51.0183, 34.0341

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.



59.9185, 61.6938, 41.6972



52.5876, 61.6938, 93.9305



68.7618, 61.6938, 56.1800

Square

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



52.5876, 61.6938, 93.9305



67.3579, 61.6938, 86.7833



65.1358, 61.6938, 46.0525



50.7054, 61.6938, 50.7664

Rectangle

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



52.5876, 61.6938, 93.9305



61.0118, 61.6938, 100.6459



65.1358, 61.6938, 46.0525



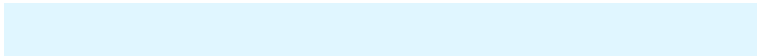
56.3268, 61.6938, 42.0920

Sweetspot

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



52.5895, 61.6962, 93.9319



82.0175, 89.3370, 107.5287



51.3398, 73.1870, 50.3850



17.2754, 18.8880, 22.9852



0.0000, 0.0000, 0.0000



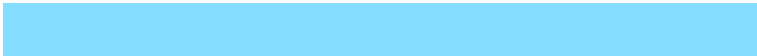
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5895, 61.6962, 93.9319



53.4983, 63.8510, 104.1126



42.1532, 40.8236, 90.4532



16.5840, 17.9324, 21.1298



17.4508, 20.6953, 49.6129



1.6199, 1.9913, 4.3892

Inverse Universe

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



59.6373, 44.5721, 70.4283



62.6149, 43.1426, 73.3862



67.8414, 72.5106, 37.6162



17.0054, 16.6850, 19.7749



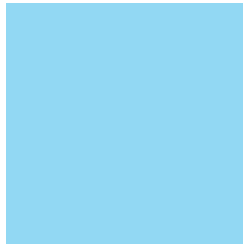
24.6129, 12.1886, 23.7334



2.2067, 1.0887, 2.3150

Previews

White Background



This preview shows how the XYZ color 52.5876, 61.6938, 93.9305 looks on a white background.

Color Contrast Check

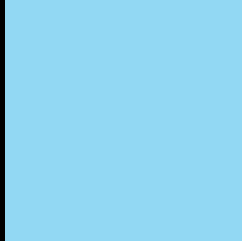
Large Text (above 18pt) WCAG AA × Fail

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 52.5876, 61.6938, 93.9305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

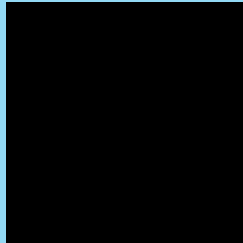
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5876, 61.6938, 93.9305

Background



This preview shows how black text looks on a background with the XYZ color 52.5876, 61.6938, 93.9305.

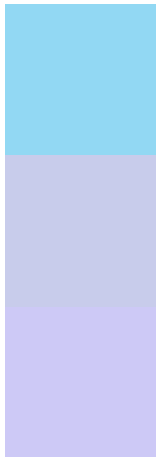


This preview shows how white text looks on a background with the XYZ color 52.5876, 61.6938,

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

52.5876, 61.6938, 93.9305

Protanopia

60.4077, 61.4632, 87.2770

Deuteranopia

62.6980, 61.4062, 95.7368



Tritanopia

51.3098, 61.5532, 87.7739

Trichromacy



Original Color

52.5876, 61.6938, 93.9305

Protanomaly

56.8109, 60.9881, 89.6665

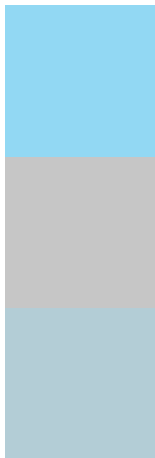
Deuteranomaly

58.3199, 60.9255, 95.0722

Tritanomaly

51.9225, 61.8185, 90.0845

Monochromacy



Original Color

52.5876, 61.6938, 93.9305

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.5593, 58.1014, 72.0628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5876, 61.6938, 93.9305 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(146, 216, 243)` looks like.

```
.text, #text, p{  
    color:rgb(146, 216, 243)  
}
```

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(146, 216, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 216, 243) }
```

Border

The CSS property to change the border of an element to XYZ 52.5876, 61.6938, 93.9305 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(146, 216, 243) }
```


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

```
.border{ border-color:rgb(146, 216, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 216, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 216, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 216, 243);  
box-shadow:4px 4px 4px 4px rgb(146, 216,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5876, 61.6938, 93.9305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 216, 243) }
```

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

```
.background{ background-color: rgb(146,  
216, 243) }
```

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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