

Converting Colors

XYZ(52.3175, 62.5544, 90.9794)

Have a look what the booklet for
XYZ(52.3175, 62.5544, 90.9794)
contains.

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Color

**XYZ(52.1530, 62.3041,
90.9385)**

Conversions

Conversions Part 1

Format	Color
Hex	90DAEF
RGB	144, 218, 239
RGB Percent	56%, 85%, 94%
CMY	0.4353, 0.1451, 0.0627
CMYK	0.40, 0.09, 0.00, 0.06
HSL	193°, 75%, 75%
HSV	193°, 40%, 94%
XYZ	52.1530, 62.3041, 90.9385
YIQ	198.2680, -50.8450, -9.1570

Conversions

Conversions Part 2

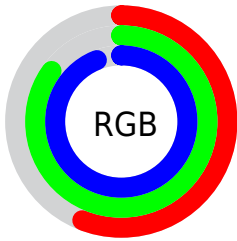
Format	Color
RYB	144, 186, 239
Decimal	9493231
CIELab	83.07, -17.71, -17.53
CIElCh	83, 24.916, 224.709
Yxy	62.3041, 0.2539, 0.3033
Android (android.graphics.Color)	4287683311 (0xFF90DAEF)
YUV	198.2680, 20.0809, -47.5930
Hunter-Lab	78.9329, -20.1932, -13.0548

Details

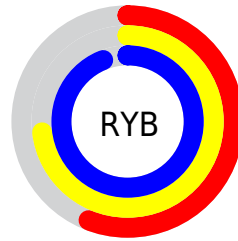
The XYZ color **52.1530, 62.3041, 90.9385** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.0869, 47.2756, 32.6617**, and the grayscale version is **53.7449, 56.5438, 61.5762**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **25.6689, 31.6880, 49.5632** is the 20% darker color. If you saturate the color by 10%, you get **47.0645, 57.6809, 90.3154**, and if you desaturate by 10%, it is **58.1726, 67.4750, 91.6204**.

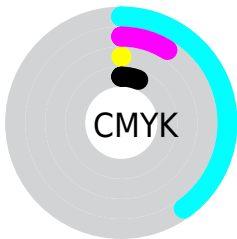
Distribution



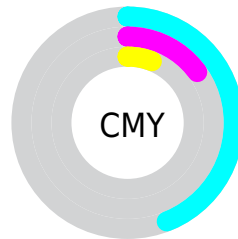
- Red (56%)
- Green (85%)
- Blue (94%)



- Red (56%)
- Yellow (73%)
- Blue (94%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (44%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1530, 62.3041, 90.9385 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 52.1530, 62.3041, 90.9385 by changing the saturation by 10% instead.

■ 52.1530, 62.3041,
90.9385

■ 52.1530, 62.3041,
90.9385

385.3413,
433.0395, 551.7277

■ 37.3518, 45.2785,
68.1812

■ 92.5297, 108.1649,
150.5882

■ 25.6549, 31.6768,
49.5776

■ 118.8360,
137.7689, 188.3177

■ 16.6970, 21.1148,
34.7090

149.7080,
172.3344, 231.8750

■ 10.1126, 13.2079,
23.1571

185.5110,
212.2459, 281.6787

■ 5.5365, 7.5719,
14.5031

226.6105,
257.8878, 338.1473

■ 2.6033, 3.8222,
8.3287

273.3718,

■ 0.9477, 1.5746,

309.6444, 401.6993

4.2152

326.1603,
367.9002, 472.7532

■ 0.0000, 0.3404,
1.7441

■ 0.0000, 0.0000,
0.3907

■ 52.1530, 62.3041,
90.9385

■ 52.1530, 62.3041,
90.9385

■ 47.0645, 57.6809,
90.3154

■ 58.1726, 67.4750,
91.6204

■ 42.8447, 53.5683,
89.7440

■ 65.1692, 73.2136,
92.3593

■ 39.4324, 49.9356,
89.2227

■ 73.1926, 79.5475,
93.1590

■ 36.7556, 46.7451,
88.7479

■ 82.2873, 86.5002,
94.0217

■ 34.7287, 43.9520,
88.3156

■ 89.2967, 92.4450,
94.7997

■ 33.2115, 41.4834,
87.9191

■ 90.9127, 95.6772,
95.3384

■ 33.1758, 41.4232,
87.9094

■ 92.5748, 99.0012,
95.8924

■ 92.5802, 99.0121,
95.8942

Harmonies

Analogous

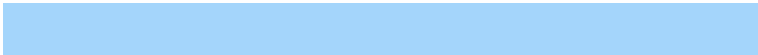
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.7478, 62.3041, 75.6585



52.1530, 62.3041, 90.9385



56.5265, 62.3041, 100.6905

Triad

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



52.1530, 62.3041, 90.9385



69.7897, 62.3041, 75.9721



56.6251, 62.3041, 42.9866

Complementary

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



52.1530, 62.3041, 90.9385



54.0869, 47.2756, 32.6617

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.



61.9940, 62.3041, 43.0442



52.1530, 62.3041, 90.9385



69.8201, 62.3041, 60.5769

Square

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



52.1530, 62.3041, 90.9385



66.8135, 62.3041, 91.1979



66.8942, 62.3041, 49.0246



52.2214, 62.3041, 48.8531

Rectangle

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



52.1530, 62.3041, 90.9385



60.0732, 62.3041, 101.9326



66.8942, 62.3041, 49.0246



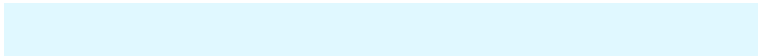
58.3713, 62.3041, 42.3460

Sweetspot

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



52.1549, 62.3065, 90.9400



82.5547, 90.4115, 107.7078



49.1232, 70.3651, 46.3933



17.4023, 19.1419, 23.0275



0.0000, 0.0000, 0.0000



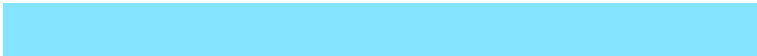
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1549, 62.3065, 90.9400



55.3882, 67.6308, 104.7425



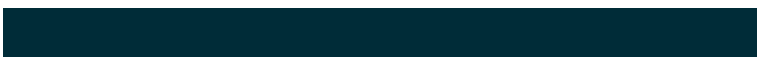
41.6304, 41.2574, 87.4318



15.9337, 17.3016, 20.2213



18.4350, 23.0943, 48.6139



1.6058, 2.0656, 4.0683

Inverse Universe

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



58.2264, 43.3609, 71.6329



63.5689, 43.5241, 78.4096



64.1963, 67.4945, 36.0315



16.2960, 15.9681, 19.1149



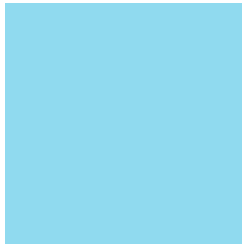
24.6308, 12.1247, 27.0359



2.0855, 1.0232, 2.4410

Previews

White Background



This preview shows how the XYZ color 52.1530, 62.3041, 90.9385 looks on a white background.

Color Contrast Check

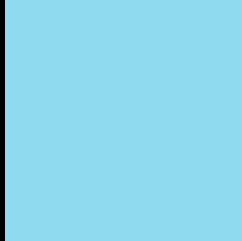
Large Text (above 18pt) WCAG AA × Fail

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 52.1530, 62.3041, 90.9385 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 52.1530, 62.3041, 90.9385

Background



This preview shows how black text looks on a background with the XYZ color 52.1530, 62.3041, 90.9385.



This preview shows how white text looks on a background with the XYZ color 52.1530, 62.3041,

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

52.1530, 62.3041, 90.9385

Protanopia

60.4714, 61.9324, 83.6299

Deuteranopia

63.0767, 61.6542, 93.3700



Tritanopia

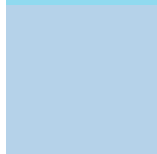
51.5394, 62.0386, 88.6151

Trichromacy



Original Color

52.1530, 62.3041, 90.9385



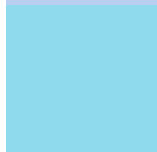
Protanomaly

56.8106, 61.8001, 86.0252



Deuteranomaly

58.3474, 61.3507, 92.7710



Tritanomaly

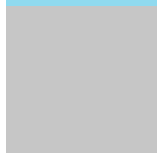
51.6852, 62.0969, 89.3826

Monochromacy



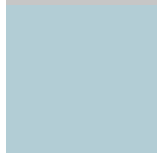
Original Color

52.1530, 62.3041, 90.9385



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

52.2017, 57.9317, 71.3814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1530, 62.3041, 90.9385 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(144, 218, 239)` looks like.

```
.text, #text, p{  
    color:rgb(144, 218, 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(144, 218, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 218, 239) }
```

Border

The CSS property to change the border of an element to XYZ 52.1530, 62.3041, 90.9385 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(144, 218, 239) }
```


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

```
.border{ border-color:rgb(144, 218, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 218, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 218, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 218, 239);  
box-shadow:4px 4px 4px 4px rgb(144, 218,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1530, 62.3041, 90.9385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 218, 239) }
```

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

```
.background{ background-color: rgb(144,  
218, 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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