

Converting Colors

XYZ(53.1886, 62.5263, 92.6421)

Have a look what the booklet for
XYZ(53.1886, 62.5263, 92.6421)
contains.

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Color

**XYZ(53.0845, 62.3661,
92.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	95D9F1
RGB	149, 217, 241
RGB Percent	58%, 85%, 95%
CMY	0.4157, 0.1490, 0.0549
CMYK	0.38, 0.10, 0.00, 0.05
HSL	196°, 77%, 76%
HSV	196°, 38%, 95%
XYZ	53.0845, 62.3661, 92.4591
YIQ	199.4040, -48.2320, -6.9520

Conversions

Conversions Part 2

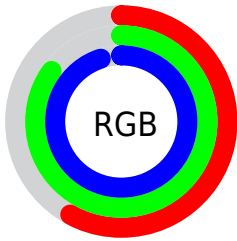
Format	Color
R_{YB}	149, 188, 241
Decimal	9820657
CIE _{Lab}	83.11, -15.43, -18.52
CIE _{LCh}	83, 24.100, 230.201
Yxy	62.3661, 0.2553, 0.3000
Android (android.graphics.Color)	4288010737 (0xFF95D9F1)
YUV	199.4040, 20.5068, -44.2043
Hunter-Lab	78.9722, -18.2151, -14.1350

Details

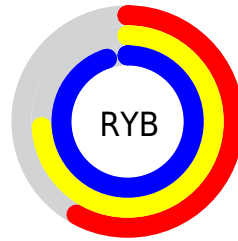
The XYZ color **53.0845, 62.3661, 92.4591** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.6453, 50.7591, 35.2476**, and the grayscale version is **54.4345, 57.2694, 62.3664**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **26.1915, 31.6706, 50.6315** is the 20% darker color. If you saturate the color by 10%, you get **47.5449, 57.1518, 91.7457**, and if you desaturate by 10%, it is **59.5994, 68.1777, 93.2386**.

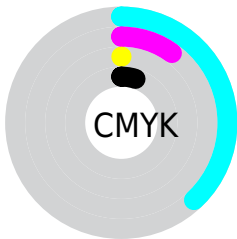
Distribution



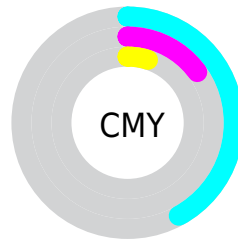
- Red (58%)
- Green (85%)
- Blue (95%)



- Red (58%)
- Yellow (74%)
- Blue (95%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (42%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0845, 62.3661, 92.4591 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 53.0845, 62.3661, 92.4591 by changing the saturation by 10% instead.

■ 53.0845, 62.3661,
92.4591

■ 53.0845, 62.3661,
92.4591

388.8648,
433.2653, 556.7733

■ 38.0980, 45.3286,
69.4369

■ 93.8935, 108.2545,
152.7147

■ 26.2363, 31.7163,
50.5936

■ 120.4467,
137.8741, 190.7852

■ 17.1341, 21.1449,
35.5108

151.5861,
172.4566, 234.7089

■ 10.4261, 13.2300,
23.7699

187.6772,
212.3863, 284.9042

■ 5.7468, 7.5871,
14.9524

229.0852,
258.0476, 341.7898

■ 2.7309, 3.8319,
8.6397

276.1756,

■ 1.0131, 1.5800,

309.8250, 405.7841

4.4134

329.3137,
368.1027, 477.3058

■ 0.0000, 0.3440,
1.8547

■ 0.0000, 0.0000,
0.4637

■ 53.0845, 62.3661,
92.4591

■ 53.0845, 62.3661,
92.4591

■ 47.5449, 57.1518,
91.7457

■ 59.5994, 68.1777,
93.2386

■ 42.9176, 52.4970,
91.0911

■ 67.1362, 74.6073,
94.0824

■ 39.1411, 48.3704,
90.4936

■ 75.7453, 81.6833,
94.9944

■ 36.1432, 44.7337,
89.9497

■ 85.4719, 89.4300,
95.9770

■ 33.8388, 41.5421,
89.4551

■ 90.8192, 95.0146,
96.7731

■ 32.1096, 38.7335,
89.0041

■ 92.7892, 98.9545,
97.4298

■ 31.8247, 38.2456,
88.9250

■ 92.8774, 99.1310,
97.4592

Harmonies

Analogous

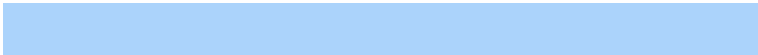
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.3515, 62.3661, 78.3187



53.0845, 62.3661, 92.4591



57.5860, 62.3661, 100.3362

Triad

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



53.0845, 62.3661, 92.4591



69.7229, 62.3661, 72.9144



55.8798, 62.3661, 44.3531

Complementary

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



53.0845, 62.3661, 92.4591



56.6453, 50.7591, 35.2476

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.



61.0010, 62.3661, 43.3459



53.0845, 62.3661, 92.4591



69.1997, 62.3661, 58.4599

Square

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



53.0845, 62.3661, 92.4591



67.3238, 62.3661, 88.0077



65.9335, 62.3661, 48.1370



51.8985, 62.3661, 51.1251

Rectangle

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



53.0845, 62.3661, 92.4591



61.0717, 62.3661, 100.2908



65.9335, 62.3661, 48.1370



57.5181, 62.3661, 43.3718

Sweetspot

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



53.0864, 62.3685, 92.4606



83.1828, 90.4828, 107.6885



51.2977, 72.2801, 50.2794



17.5144, 19.1297, 23.0192



0.0000, 0.0000, 0.0000



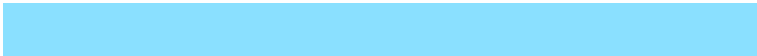
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0864, 62.3685, 92.4606



55.2455, 66.1253, 104.4595



43.0259, 42.2474, 89.1070



15.8781, 17.1904, 20.2028



17.3728, 20.9699, 48.2598



1.5254, 1.9048, 4.0415

Inverse Universe

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



59.5491, 45.2073, 71.2354



63.7946, 44.7546, 76.0833



66.7732, 71.0150, 38.6236



16.2679, 15.9569, 18.9671



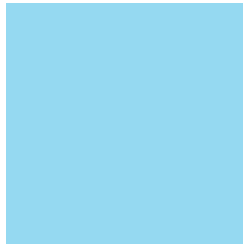
24.0946, 11.9103, 24.2126



2.0449, 1.0070, 2.2273

Previews

White Background



This preview shows how the XYZ color 53.0845, 62.3661, 92.4591 looks on a white background.

Color Contrast Check

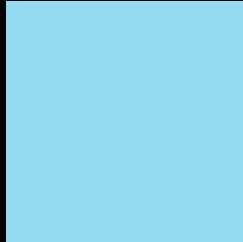
Large Text (above 18pt) WCAG AA × Fail

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 53.0845, 62.3661, 92.4591 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 53.0845, 62.3661, 92.4591

Background



This preview shows how black text looks on a background with the XYZ color 53.0845, 62.3661, 92.4591.

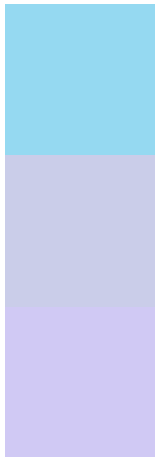


This preview shows how white text looks on a background with the XYZ color 53.0845, 62.3661,

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

53.0845, 62.3661, 92.4591

Protanopia

60.8964, 62.1024, 85.8682

Deuteranopia

63.2282, 61.7148, 94.1676



Tritanopia

52.2795, 62.4369, 87.8934

Trichromacy



Original Color

53.0845, 62.3661, 92.4591

Protanomaly

57.4692, 61.7243, 88.2419

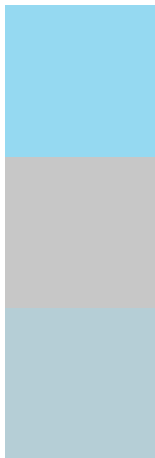
Deuteranomaly

58.9840, 61.6615, 93.5871

Tritanomaly

52.5702, 62.5531, 89.4240

Monochromacy



Original Color

53.0845, 62.3661, 92.4591

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.2650, 58.8214, 72.1646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0845, 62.3661, 92.4591 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, 217, 241)` looks like.

```
.text, #text, p{  
    color:rgb(149, 217, 241)  
}
```

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, 217, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 217, 241) }
```

Border

The CSS property to change the border of an element to XYZ 53.0845, 62.3661, 92.4591 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, 217, 241) }
```


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

```
.border{ border-color:rgb(149, 217, 241) }
```

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

Here you see how a box with a 4 pixel rgb(149, 217, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(149, 217,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0845, 62.3661, 92.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 217, 241) }
```

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

```
.background{ background-color: rgb(149,  
217, 241) }
```

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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