

Converting Colors

XYZ(56.2830, 61.0104, 92.8142)

Have a look what the booklet for
XYZ(56.2830, 61.0104, 92.8142)
contains.

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Color

**XYZ(56.2830, 61.0104,
92.8142)**

Conversions

Conversions Part 1

Format	Color
Hex	AED1F2
RGB	174, 209, 242
RGB Percent	68%, 82%, 95%
CMY	0.3176, 0.1804, 0.0510
CMYK	0.28, 0.14, 0.00, 0.05
HSL	209°, 72%, 82%
HSV	209°, 28%, 95%
XYZ	56.2830, 61.0104, 92.8142
YIQ	202.2970, -31.4530, 2.8430

Conversions

Conversions Part 2

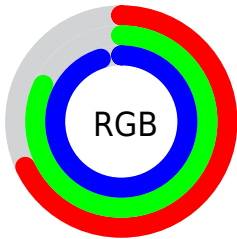
Format	Color
RYB	174, 197, 242
Decimal	11457010
CIELab	82.38, -4.20, -20.01
CIELCh	82, 20.441, 258.146
Yxy	61.0104, 0.2679, 0.2904
Android (android.graphics.Color)	4289647090 (0xFFAED1F2)
YUV	202.2970, 19.5736, -24.8165
Hunter-Lab	78.1092, -8.0695, -15.7757

Details

The XYZ color **56.2830, 61.0104, 92.8142** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.5716, 66.5593, 49.3844**, and the grayscale version is **56.2216, 59.1495, 64.4138**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **28.3300, 30.9809, 50.9411** is the 20% darker color. If you saturate the color by 10%, you get **48.5941, 52.9272, 91.6603**, and if you desaturate by 10%, it is **65.1593, 70.0240, 94.0872**.

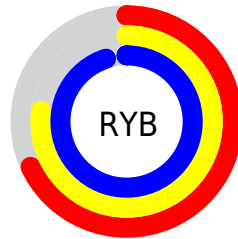
Distribution



Red (68%)

Green (82%)

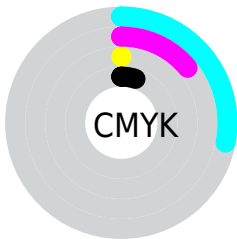
Blue (95%)



Red (68%)

Yellow (77%)

Blue (95%)

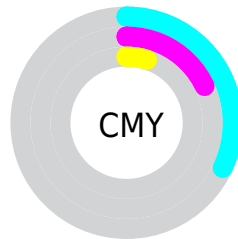


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (32%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2830, 61.0104, 92.8142 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 56.2830, 61.0104, 92.8142 by changing the saturation by 10% instead.

■ 56.2830, 61.0104,
92.8142

■ 56.2830, 61.0104,
92.8142

400.8149,
428.3121, 557.9480

■ 40.6678, 44.2336,
69.7303

■ 98.5556, 106.2940,
153.2108

■ 28.2461, 30.8542,
50.8312

125.9438,
135.5695, 191.3606

■ 18.6527, 20.4878,
35.6985

157.9869,
169.7801, 235.3694

■ 11.5221, 12.7501,
23.9136

195.0503,
209.3101, 285.6558

■ 6.4890, 7.2567,
15.0579

237.4995,
254.5439, 342.6384

■ 3.1881, 3.6232,
8.7130

285.6998,

■ 1.2540, 1.4651,

305.8659, 406.7355

4.4602

340.0164,
363.6605, 478.3659

■ 0.1484, 0.2640,
1.8811

■ 0.0000, 0.0000,
0.4806

■ 56.2830, 61.0104,
92.8142

■ 56.2830, 61.0104,
92.8142

■ 48.5941, 52.9272,
91.6603

■ 65.1593, 70.0240,
94.0872

■ 42.0303, 45.7311,
90.6172

■ 75.2701, 79.9943,
95.4788

■ 36.5316, 39.3856,
89.6822

■ 86.6665, 90.9556,
96.9938

■ 32.0298, 33.8484,
88.8507

■ 93.0272, 99.1909,
98.2482

■ 28.4477, 29.0721,
88.1176

■ 25.6950, 25.0025,
87.4772

■ 23.6484, 21.5676,
86.9220

■ 23.3061, 20.9686,
86.8245

Harmonies

Analogous

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



52.5714, 61.0104, 85.9715



56.2830, 61.0104, 92.8142



60.6395, 61.0104, 91.9642

Triad

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



56.2830, 61.0104, 92.8142



66.3276, 61.0104, 59.2278



51.9642, 61.0104, 51.6598

Complementary

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



56.2830, 61.0104, 92.8142



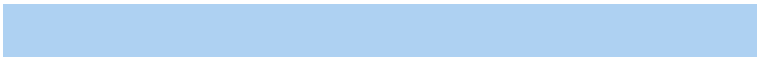
66.5716, 66.5593, 49.3844

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.



55.4160, 61.0104, 46.1223



56.2830, 61.0104, 92.8142



63.7656, 61.0104, 50.0996

Square

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



56.2830, 61.0104, 92.8142



66.5885, 61.0104, 71.4863



59.7282, 61.0104, 45.5895



50.1629, 61.0104, 61.6178

Rectangle

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



56.2830, 61.0104, 92.8142



63.3238, 61.0104, 87.1632



59.7282, 61.0104, 45.5895



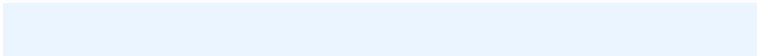
52.9618, 61.0104, 49.2765

Sweetspot

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



56.2849, 61.0128, 92.8156



84.8619, 90.1799, 107.5415



60.4552, 77.0027, 70.6241



17.7763, 18.9242, 22.9658



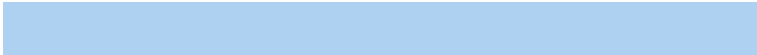
0.0000, 0.0000, 0.0000



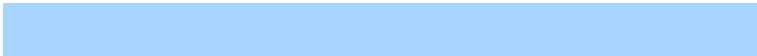
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2849, 61.0128, 92.8156



58.0384, 63.1298, 103.7341



48.8399, 46.1229, 90.3339



15.5702, 16.5744, 20.1002



12.6576, 11.5395, 46.6881



1.1526, 1.1592, 3.9172

Inverse Universe

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



63.2642, 53.7544, 67.3655



67.2991, 54.1766, 69.8126



75.6749, 84.7661, 52.4189



16.1125, 15.8947, 18.1485



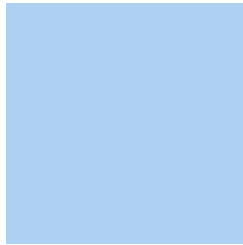
21.7146, 10.9583, 11.6796



1.8567, 0.9317, 1.2364

Previews

White Background



This preview shows how the XYZ color 56.2830, 61.0104, 92.8142 looks on a white background.

Color Contrast Check

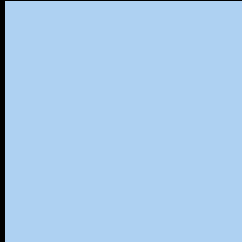
Large Text (above 18pt) WCAG AA × Fail

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 56.2830, 61.0104, 92.8142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

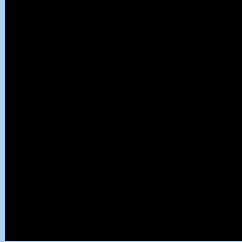
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

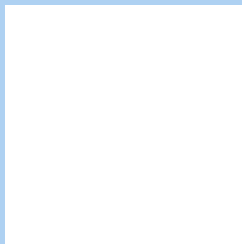
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2830, 61.0104, 92.8142

Background



This preview shows how black text looks on a background with the XYZ color 56.2830, 61.0104, 92.8142.

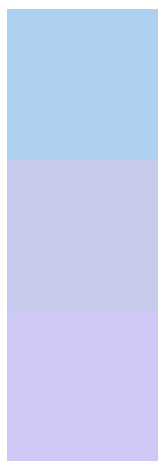


This preview shows how white text looks on a background with the XYZ color 56.2830, 61.0104,

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

56.2830, 61.0104, 92.8142

Protanopia

60.0773, 60.8907, 89.4756

Deuteranopia

62.1602, 60.8193, 94.0511



Tritanopia

54.0924, 60.8479, 82.2926

Trichromacy



Original Color

56.2830, 61.0104, 92.8142

Protanomaly

58.3976, 60.7135, 90.3023

Deuteranomaly

59.7817, 60.6523, 93.3502

Tritanomaly

54.7678, 60.7470, 85.9296

Monochromacy



Original Color

56.2830, 61.0104, 92.8142

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0939, 59.8789, 74.2470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2830, 61.0104, 92.8142 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(174, 209, 242)` looks like.

```
.text, #text, p{  
    color:rgb(174, 209, 242)  
}
```

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(174, 209, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 209, 242) }
```

Border

The CSS property to change the border of an element to XYZ 56.2830, 61.0104, 92.8142 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(174, 209, 242) }
```


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

```
.border{ border-color:rgb(174, 209, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 209, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 209, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 209, 242);  
box-shadow:4px 4px 4px 4px rgb(174, 209,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2830, 61.0104, 92.8142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 209, 242) }
```

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

```
.background{ background-color: rgb(174,  
209, 242) }
```

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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