

Converting Colors

XYZ(56.6214, 62.3512, 85.4967)

Have a look what the booklet for
XYZ(56.6214, 62.3512, 85.4967)
contains.

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Color

**XYZ(56.6994, 62.4969,
85.4187)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D4E8
RGB	179, 212, 232
RGB Percent	70%, 83%, 91%
CMY	0.2980, 0.1686, 0.0902
CMYK	0.23, 0.09, 0.00, 0.09
HSL	203°, 54%, 81%
HSV	203°, 23%, 91%
XYZ	56.6994, 62.4969, 85.4187
YIQ	204.4130, -26.0880, -0.7760

Conversions

Conversions Part 2

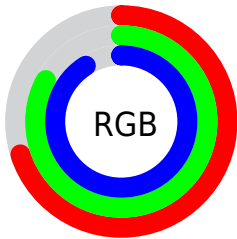
Format	Color
R_{YB}	179, 199, 232
Decimal	11785448
CIE _{Lab}	83.18, -6.58, -13.46
CIE _{LCh}	83, 14.985, 243.942
Yxy	62.4969, 0.2771, 0.3054
Android (android.graphics.Color)	4289975528 (0xFFB3D4E8)
YUV	204.4130, 13.6004, -22.2872
Hunter-Lab	79.0550, -10.3234, -8.7242

Details

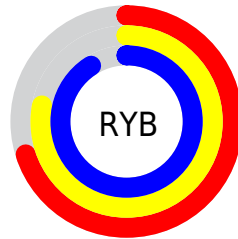
The XYZ color **56.6994, 62.4969, 85.4187** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.8395, 61.2576, 51.2138**, and the grayscale version is **57.5857, 60.5847, 65.9767**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **28.3509, 31.6085, 45.6811** is the 20% darker color. If you saturate the color by 10%, you get **49.6530, 55.7049, 84.4801**, and if you desaturate by 10%, it is **64.7703, 69.9964, 86.4419**.

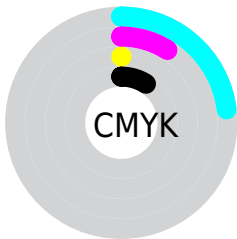
Distribution



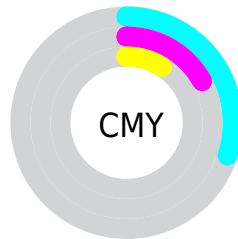
- Red (70%)
- Green (83%)
- Blue (91%)



- Red (70%)
- Yellow (78%)
- Blue (91%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6994, 62.4969, 85.4187 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 56.6994, 62.4969, 85.4187 by changing the saturation by 10% instead.

■ 56.6994, 62.4969,
85.4187

■ 56.6994, 62.4969,
85.4187

402.3544,
433.7413, 533.1932

■ 41.0031, 45.4343,
63.6353

■ 99.1603, 108.4434,
142.8374

■ 28.5092, 31.7997,
45.9110

126.6557,
138.0961, 179.3097

■ 18.8523, 21.2085,
31.8275

158.8149,
172.7142, 221.5154

■ 11.6670, 13.2765,
20.9660

196.0031,
212.6823, 269.8729

■ 6.5879, 7.6192,
12.9082

238.5858,
258.3846, 324.8010

■ 3.2498, 3.8523,
7.2354

286.9284,

■ 1.2872, 1.5913,

310.2057, 386.7180

3.5290

341.3961,
368.5298, 456.0426

■ 0.1736, 0.3517,
1.3707

■ 0.0000, 0.0000,
0.1187

■ 56.6994, 62.4969,
85.4187

■ 56.6994, 62.4969,
85.4187

■ 49.6530, 55.7049,
84.4801

■ 64.7703, 69.9964,
86.4419

■ 43.5785, 49.5857,
83.6192

■ 73.9039, 78.2209,
87.5480

■ 38.4268, 44.1128,
82.8343

■ 84.1432, 87.1969,
88.7409

■ 34.1421, 39.2545,
82.1224

■ 89.0723, 93.6195,
89.7208

■ 30.6619, 34.9755,
81.4799

■ 91.5657, 98.6063,
90.5519

■ 27.9143, 31.2358,
80.9029

■ 25.8127, 27.9877,
80.3867

■ 24.6094, 25.9138,
80.0498

Harmonies

Analogous

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



54.3684, 62.4969, 78.5344



56.6994, 62.4969, 85.4187



59.8319, 62.4969, 87.5023

Triad

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



56.6994, 62.4969, 85.4187



65.8539, 62.4969, 66.8260



55.9813, 62.4969, 54.2596

Complementary

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



56.6994, 62.4969, 85.4187



61.8395, 61.2576, 51.2138

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.



58.9730, 62.4969, 51.7155



56.6994, 62.4969, 85.4187



64.7359, 62.4969, 58.5402

Square

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



56.6994, 62.4969, 85.4187



65.1918, 62.4969, 76.2137



62.1880, 62.4969, 53.2088



53.9645, 62.4969, 60.4884

Rectangle

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



56.6994, 62.4969, 85.4187



61.9727, 62.4969, 85.7440



62.1880, 62.4969, 53.2088



56.9023, 62.4969, 52.9723

Sweetspot

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



56.7013, 62.4994, 85.4201



86.6741, 92.5482, 107.9031



57.6914, 71.3954, 64.4299



18.4040, 19.6762, 23.0778



0.0000, 0.0000, 0.0000



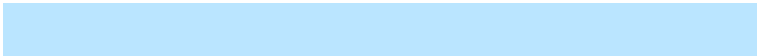
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7013, 62.4994, 85.4201



66.3616, 73.7287, 105.3412



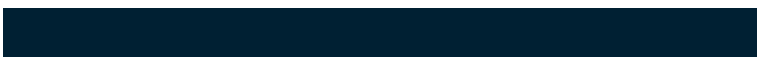
50.7302, 50.5573, 83.4298



14.3267, 15.3747, 18.3568



13.7870, 14.6361, 44.4816



1.1075, 1.2590, 3.3166

Inverse Universe

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



61.2840, 54.1510, 69.5124



72.9765, 62.0994, 82.2850



68.3238, 74.2261, 53.3753



14.7525, 14.5182, 16.8969



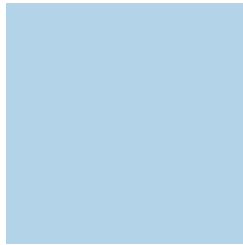
21.3525, 10.6752, 16.0173



1.6227, 0.8068, 1.4195

Previews

White Background



This preview shows how the XYZ color 56.6994, 62.4969, 85.4187 looks on a white background.

Color Contrast Check

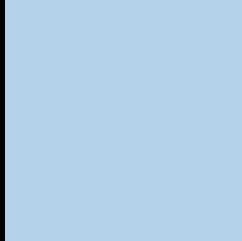
Large Text (above 18pt) WCAG AA × Fail

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 56.6994, 62.4969, 85.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

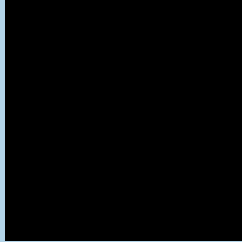
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

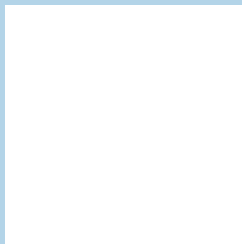
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6994, 62.4969, 85.4187

Background



This preview shows how black text looks on a background with the XYZ color 56.6994, 62.4969, 85.4187.



This preview shows how white text looks on a background with the XYZ color 56.6994, 62.4969,

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

56.6994, 62.4969, 85.4187

Protanopia

60.7368, 62.1014, 82.1844

Deuteranopia

63.4695, 62.0099, 86.4658



Tritanopia

56.0464, 62.2091, 83.1823

Trichromacy



Original Color

56.6994, 62.4969, 85.4187

Protanomaly

59.2044, 62.3710, 83.0471

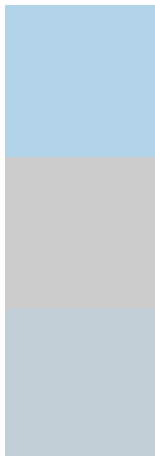
Deuteranomaly

60.6267, 61.9633, 85.8555

Tritanomaly

56.1865, 62.2651, 83.9199

Monochromacy



Original Color

56.6994, 62.4969, 85.4187

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9561, 61.0828, 72.4066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6994, 62.4969, 85.4187 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(179, 212, 232)` looks like.

```
.text, #text, p{  
    color:rgb(179, 212, 232)  
}
```

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(179, 212, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 212, 232) }
```

Border

The CSS property to change the border of an element to XYZ 56.6994, 62.4969, 85.4187 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(179, 212, 232) }
```


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

```
.border{ border-color:rgb(179, 212, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 212, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 212, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 212, 232);  
box-shadow:4px 4px 4px 4px rgb(179, 212,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6994, 62.4969, 85.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 212, 232) }
```

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

```
.background{ background-color: rgb(179,  
212, 232) }
```

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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