

Converting Colors

XYZ(53.2219, 62.2070, 85.5460)

Have a look what the booklet for
XYZ(53.2219, 62.2070, 85.5460)
contains.

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Color

**XYZ(53.2219, 62.2070,
85.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	9ED8E8
RGB	158, 216, 232
RGB Percent	62%, 85%, 91%
CMY	0.3804, 0.1529, 0.0902
CMYK	0.32, 0.07, 0.00, 0.09
HSL	193°, 62%, 76%
HSV	193°, 32%, 91%
XYZ	53.2219, 62.2070, 85.5460
YIQ	200.4820, -39.7040, -7.3200

Conversions

Conversions Part 2

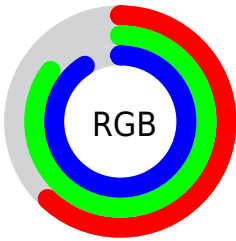
Format	Color
RYB	158, 191, 232
Decimal	10410216
CIELab	83.02, -14.71, -13.82
CIELCh	83, 20.181, 223.214
Yxy	62.2070, 0.2648, 0.3095
Android (android.graphics.Color)	4288600296 (0xFF9ED8E8)
YUV	200.4820, 15.5384, -37.2567
Hunter-Lab	78.8714, -17.5744, -9.0975

Details

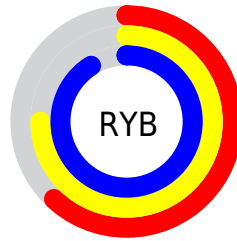
The XYZ color **53.2219, 62.2070, 85.5460** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.5872, 49.8972, 39.1033**, and the grayscale version is **55.1231, 57.9938, 63.1552**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **26.2903, 31.5674, 45.7818** is the 20% darker color. If you saturate the color by 10%, you get **47.8171, 57.5436, 84.9318**, and if you desaturate by 10%, it is **59.5311, 67.3979, 86.2165**.

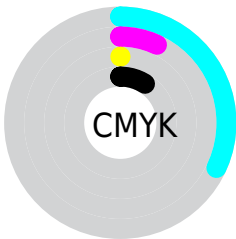
Distribution



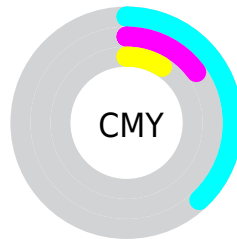
- Red (62%)
- Green (85%)
- Blue (91%)



- Red (62%)
- Yellow (75%)
- Blue (91%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)





- Cyan (38%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2219, 62.2070, 85.5460 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 53.2219, 62.2070, 85.5460 by changing the saturation by 10% instead.


 53.2219, 62.2070,
85.5460


 53.2219, 62.2070,
85.5460


389.3828,
432.6858, 533.6247

 38.2081, 45.2000,
63.7399


 94.0944, 108.0246,
143.0167

 26.3222, 31.6150,
45.9952


 120.6839,
137.6041, 179.5184

 17.1988, 21.0676,
31.8934


151.8626,
172.1431, 221.7556

 10.4725, 13.1734,
21.0159

187.9960,
212.0261, 270.1470

 5.7780, 7.5481,
12.9443

229.4493,
257.6374, 325.1110

 2.7499, 3.8072,
7.2599

276.5880,

 1.0229, 1.5663,

309.3616, 387.0663

3.5443

329.7774,
367.5829, 456.4313

■ 0.0000, 0.3347,
1.3788

■ 0.0000, 0.0000,
0.1251

■ 53.2219, 62.2070,
85.5460

■ 53.2219, 62.2070,
85.5460

■ 47.8171, 57.5436,
84.9318

■ 59.5311, 67.3979,
86.2165

■ 43.2621, 53.3745,
84.3672

■ 66.7842, 73.1326,
86.9411

■ 39.5051, 49.6740,
83.8509

■ 75.0252, 79.4358,
87.7234

■ 36.4859, 46.4105,
83.3801

■ 84.2933, 86.3282,
88.5653

■ 34.1353, 43.5479,
82.9515

■ 87.2852, 90.0454,
89.1251

■ 32.3704, 41.0428,
82.5609

■ 88.7911, 93.0571,
89.6270

■ 31.2620, 39.2189,
82.2673

■ 90.3382, 96.1513,
90.1427

■ 91.5657, 98.6063,
90.5519

Harmonies

Analogous

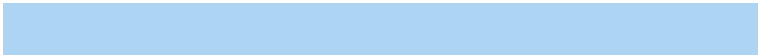
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.3314, 62.2070, 73.3729



53.2219, 62.2070, 85.5460



56.7368, 62.2070, 93.4285

Triad

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



53.2219, 62.2070, 85.5460



67.5241, 62.2070, 74.9089



57.2295, 62.2070, 46.9376

Complementary

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



53.2219, 62.2070, 85.5460



54.5872, 49.8972, 39.1033

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.



61.5812, 62.2070, 47.2418



53.2219, 62.2070, 85.5460



67.6720, 62.2070, 62.3895

Square

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



53.2219, 62.2070, 85.5460



65.0563, 62.2070, 86.7890



65.4511, 62.2070, 52.5819



53.5673, 62.2070, 51.6927

Rectangle

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



53.2219, 62.2070, 85.5460



59.5973, 62.2070, 94.6552



65.4511, 62.2070, 52.5819



58.6569, 62.2070, 46.4708

Sweetspot

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



53.2238, 62.2095, 85.5474



84.5494, 92.0133, 107.9119



50.4820, 67.9930, 49.8986



17.8028, 19.4668, 23.0691



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.



53.2238, 62.2095, 85.5474



61.6077, 73.3741, 105.5233



45.0291, 45.8202, 82.8159



14.5292, 15.7798, 18.4244



17.4512, 21.9645, 45.7030



1.3555, 1.7549, 3.3993

Inverse Universe

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



57.9018, 46.5690, 70.9054



68.3426, 51.6913, 84.2560



62.4488, 65.6203, 41.7239



14.8547, 14.5591, 17.4352



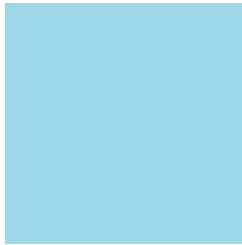
23.2021, 11.4150, 25.7568



1.7478, 0.8568, 2.0785

Previews

White Background



This preview shows how the XYZ color 53.2219, 62.2070, 85.5460 looks on a white background.

Color Contrast Check

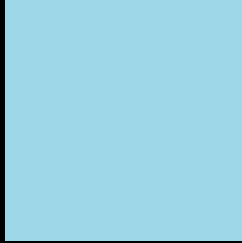
Large Text (above 18pt) WCAG AA × Fail

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 53.2219, 62.2070, 85.5460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

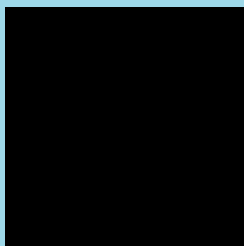
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

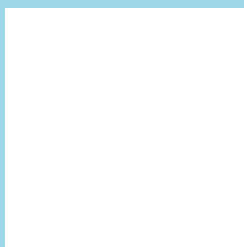
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2219, 62.2070, 85.5460

Background



This preview shows how black text looks on a background with the XYZ color 53.2219, 62.2070, 85.5460.



This preview shows how white text looks on a background with the XYZ color 53.2219, 62.2070,

85.5460.

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

53.2219, 62.2070, 85.5460

Protanopia

60.3238, 61.9363, 80.0097

Deuteranopia

63.0334, 61.7685, 87.1976



Tritanopia

53.3644, 62.2640, 86.2964

Trichromacy



Original Color

53.2219, 62.2070, 85.5460

Protanomaly

57.2976, 61.7672, 82.3011

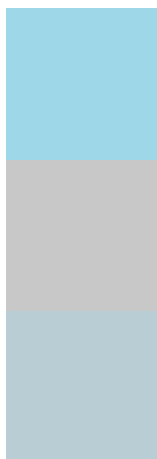
Deuteranomaly

58.6608, 61.2896, 86.5802

Tritanomaly

53.3644, 62.2640, 86.2964

Monochromacy



Original Color

53.2219, 62.2070, 85.5460

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.9626, 59.2104, 70.8720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2219, 62.2070, 85.5460 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(158, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(158, 216, 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(158, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 216, 232) }
```

Border

The CSS property to change the border of an element to XYZ 53.2219, 62.2070, 85.5460 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(158, 216, 232) }
```


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

```
.border{ border-color:rgb(158, 216, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(158, 216,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2219, 62.2070, 85.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 216, 232) }
```

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

```
.background{ background-color: rgb(158,  
216, 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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