

Converting Colors

XYZ(56.4744, 67.5998, 95.6595)

Have a look what the booklet for
XYZ(56.4744, 67.5998, 95.6595)
contains.

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Color

**XYZ(56.4744, 67.5998,
95.6595)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 98E2F4 |
| RGB | 152, 226, 244 |
| RGB Percent | 60%, 89%, 96% |
| CMY | 0.4039, 0.1137, 0.0431 |
| CMYK | 0.38, 0.07, 0.00, 0.04 |
| HSL | 192°, 81%, 78% |
| HSV | 192°, 38%, 96% |
| XYZ | 56.4744, 67.5998, 95.6595 |
| YIQ | 205.9260, -49.8820, -10.0900 |

Conversions

Conversions Part 2

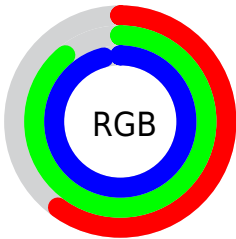
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 152, 193, 244 |
| Decimal | 10019572 |
| CIE Lab | 85.81, -18.47, -16.02 |
| CIE LCh | 86, 24.454, 220.941 |
| Yxy | 67.5998, 0.2570, 0.3076 |
| Android (android.graphics.Color) | 4288209652 (0xFF98E2F4) |
| YUV | 205.9260, 18.7705, -47.2931 |
| Hunter-Lab | 82.2191, -21.2759, -11.4288 |

Details

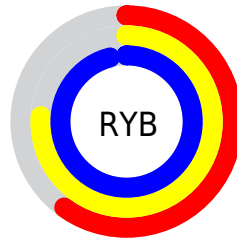
The XYZ color **56.4744, 67.5998, 95.6595** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.3516, 50.2505, 36.3841**, and the grayscale version is **58.5272, 61.5752, 67.0554**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **28.4639, 35.2435, 52.8794** is the 20% darker color. If you saturate the color by 10%, you get **51.0894, 62.9251, 95.0422**, and if you desaturate by 10%, it is **62.8390, 72.8364, 96.3360**.

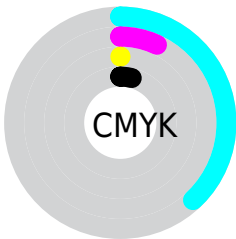
Distribution



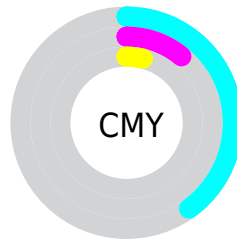
- Red (60%)
- Green (89%)
- Blue (96%)



- Red (60%)
- Yellow (76%)
- Blue (96%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4744, 67.5998, 95.6595 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 56.4744, 67.5998, 95.6595 by changing the saturation by 10% instead.

56.4744, 67.5998,
95.6595

56.4744, 67.5998,
95.6595

401.5230,
452.0768, 567.3123

40.8219, 49.5722,
72.0841

98.8337, 115.7794,
157.1788

28.3670, 35.0736,
52.7401

126.2711,
146.7003, 195.9598

18.7444, 23.7196,
37.2090

158.3676,
182.6877, 240.6464

11.5886, 15.1257,
25.0723

195.4885,
224.1261, 291.6571

6.5344, 8.9077,
15.9114

237.9991,
271.3997, 349.4106

3.2164, 4.6810,
9.3078

286.2648,

1.2692, 2.0613,

324.8932, 414.3252

4.8430

340.6510,
384.9907, 486.8196

■ 0.1600, 0.6428,
2.0983

■ 0.0000, 0.0000,
0.6148

■ 56.4744, 67.5998,
95.6595

■ 56.4744, 67.5998,
95.6595

■ 51.0894, 62.9251,
95.0422

■ 62.8390, 72.8364,
96.3360

■ 46.6195, 58.7737,
94.4765

■ 70.2305, 78.6547,
97.0695

■ 43.0020, 55.1147,
93.9609

■ 78.7001, 85.0834,
97.8639

■ 40.1636, 51.9095,
93.4918

■ 88.2941, 92.1467,
98.7216

■ 38.0176, 49.1132,
93.0652

■ 91.7149, 96.0828,
99.3011

■ 36.4484, 46.6658,
92.6755

■ 93.2160, 99.0851,
99.8014

■ 36.1297, 46.1324,
92.5893

■ 93.3294, 99.3117,
99.8392

Harmonies

Analogous

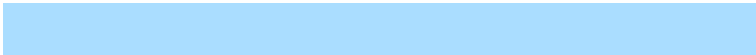
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.2718, 67.5998, 79.5994



56.4744, 67.5998, 95.6595



60.8075, 67.5998, 106.6782

Triad

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



56.4744, 67.5998, 95.6595



74.9485, 67.5998, 84.1138



62.2343, 67.5998, 47.3440

Complementary

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



56.4744, 67.5998, 95.6595



57.3516, 50.2505, 36.3841

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.



67.8233, 67.5998, 48.1888



56.4744, 67.5998, 95.6595



75.3854, 67.5998, 67.9188

Square

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



56.4744, 67.5998, 95.6595



71.5505, 67.5998, 99.3737



72.7119, 67.5998, 55.2305



57.4667, 67.5998, 52.7266

Rectangle

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



56.4744, 67.5998, 95.6595



64.4282, 67.5998, 108.8470



72.7119, 67.5998, 55.2305



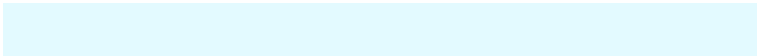
64.0753, 67.5998, 46.9316

Sweetspot

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



56.4765, 67.6024, 95.6611



83.7471, 91.6114, 107.8766



52.4500, 74.2377, 49.0372



17.6495, 19.3999, 23.0643



0.0000, 0.0000, 0.0000



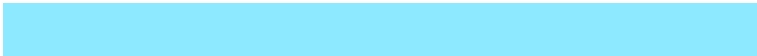
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4765, 67.6024, 95.6611



57.9195, 70.8414, 105.2288



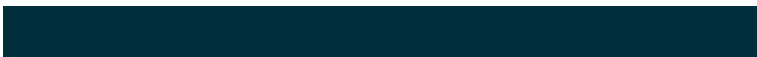
45.8307, 46.3108, 92.1125



16.7052, 18.1746, 21.1702



19.7428, 25.2793, 50.3769



1.8039, 2.3593, 4.4505

Inverse Universe

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



62.2657, 47.1824, 77.7798



65.2986, 45.9469, 82.1823



67.2436, 70.0347, 39.6814



17.0665, 16.7095, 20.0968



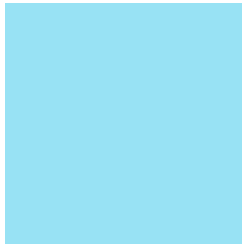
25.7697, 12.6513, 29.8255



2.2996, 1.1258, 2.8041

Previews

White Background



This preview shows how the XYZ color 56.4744, 67.5998, 95.6595 looks on a white background.

Color Contrast Check

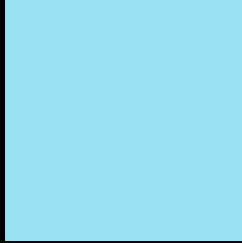
Large Text (above 18pt) WCAG AA × Fail

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 56.4744, 67.5998, 95.6595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

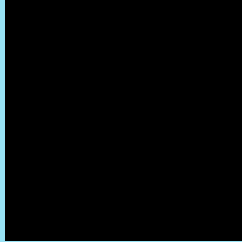
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4744, 67.5998, 95.6595

Background



This preview shows how black text looks on a background with the XYZ color 56.4744, 67.5998, 95.6595.

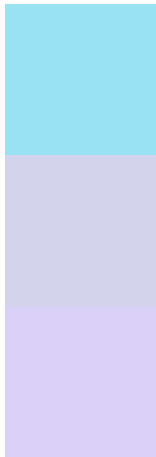


This preview shows how white text looks on a background with the XYZ color 56.4744, 67.5998,

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

56.4744, 67.5998, 95.6595

Protanopia

65.4028, 66.9340, 88.0697

Deuteranopia

68.4126, 66.7945, 98.0938



Tritanopia

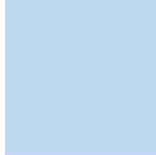
56.4744, 67.5998, 95.6595

Trichromacy



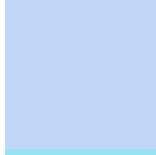
Original Color

56.4744, 67.5998, 95.6595



Protanomaly

61.4807, 66.7459, 90.5318



Deuteranomaly

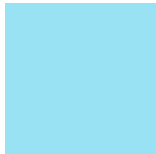
63.3371, 66.7856, 97.5484



Tritanomaly

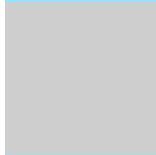
56.4744, 67.5998, 95.6595

Monochromacy



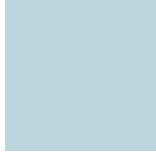
Original Color

56.4744, 67.5998, 95.6595



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.9622, 63.1949, 76.9058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4744, 67.5998, 95.6595 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(152, 226, 244)` looks like.

```
.text, #text, p{  
    color:rgb(152, 226, 244)  
}
```

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(152, 226, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 226, 244) }
```

Border

The CSS property to change the border of an element to XYZ 56.4744, 67.5998, 95.6595 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(152, 226, 244) }
```


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

```
.border{ border-color:rgb(152, 226, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 226, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 226, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 226, 244);  
box-shadow:4px 4px 4px 4px rgb(152, 226,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4744, 67.5998, 95.6595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 226, 244) }
```

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

```
.background{ background-color: rgb(152,  
226, 244) }
```

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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