

Converting Colors

XYZ(50.0503, 62.8561, 91.2017)

Have a look what the booklet for
XYZ(50.0503, 62.8561, 91.2017)
contains.

XYZ(50.0134, 62.7596, 91.1392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.0134, 62.7596,
91.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	7CDEEF
RGB	124, 222, 239
RGB Percent	49%, 87%, 94%
CMY	0.5137, 0.1294, 0.0627
CMYK	0.48, 0.07, 0.00, 0.06
HSL	189°, 78%, 71%
HSV	189°, 48%, 94%
XYZ	50.0134, 62.7596, 91.1392
YIQ	194.6360, -63.8650, -15.4890

Conversions

Conversions Part 2

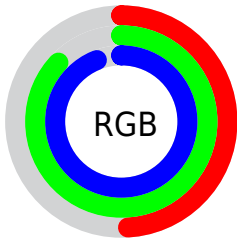
Format	Color
RYB	124, 177, 239
Decimal	8183535
CIELab	83.32, -24.42, -17.25
CIELCh	83, 29.900, 215.238
Yxy	62.7596, 0.2453, 0.3078
Android (android.graphics.Color)	4286373615 (0xFF7CDEEF)
YUV	194.6360, 21.8715, -61.9478
Hunter-Lab	79.2210, -25.9469, -12.7551

Details

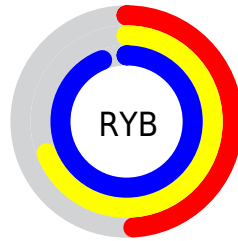
The XYZ color **50.0134, 62.7596, 91.1392** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **48.7608, 38.8569, 24.0006**, and the grayscale version is **51.5583, 54.2433, 59.0710**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **24.4159, 32.1131, 49.7113** is the 20% darker color. If you saturate the color by 10%, you get **46.0410, 59.3348, 90.6886**, and if you desaturate by 10%, it is **54.8462, 66.6600, 91.6385**.

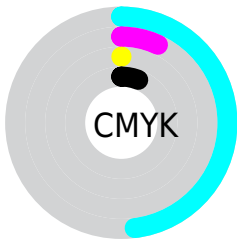
Distribution



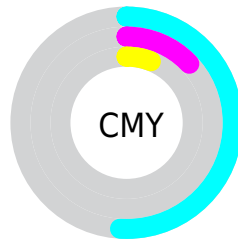
- Red (49%)
- Green (87%)
- Blue (94%)



- Red (49%)
- Yellow (69%)
- Blue (94%)



- Cyan (48%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (51%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0134, 62.7596, 91.1392 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 50.0134, 62.7596, 91.1392 by changing the saturation by 10% instead.

50.0134, 62.7596,
91.1392

50.0134, 62.7596,
91.1392

377.1695,
434.6965, 552.3951

35.6419, 45.6468,
68.3469

89.3864, 108.8226,
150.8691

24.3266, 31.9672,
49.7115

115.1187,
138.5416, 188.6437

15.7021, 21.3364,
34.8147

145.3685,
173.2314, 232.2495

9.4031, 13.3701,
23.2377

180.5013,
213.2764, 282.1051

5.0642, 7.6839,
14.5622

220.8825,
259.0610, 338.6288

2.3201, 3.8934,
8.3695

266.8773,

0.8049, 1.6141,

310.9696, 402.2394

4.2411

318.8512,
369.3867, 473.3553

■ 0.0000, 0.3671,
1.7585

■ 0.0000, 0.0000,
0.4004

■ 50.0134, 62.7596,
91.1392

■ 50.0134, 62.7596,
91.1392

■ 46.0410, 59.3348,
90.6886

■ 54.8462, 66.6600,
91.6385

■ 42.8617, 56.3464,
90.2794


■ 60.5892, 71.0576,
92.1846


■ 40.4072, 53.7605,
89.9096


■ 67.2949, 75.9810,
92.7815


■ 38.5951, 51.5344,
89.5754


■ 75.0103, 81.4546,
93.4313


 37.3103, 49.6087,
89.2715


 83.7793, 87.5013,
94.1363

 37.0957, 49.2631,
89.2161

 88.9307, 91.7130,
94.6777

 89.9993, 93.8502,
95.0339

 91.0884, 96.0284,
95.3970

 92.1980, 98.2477,
95.7668

Harmonies

Analogous

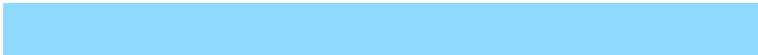
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.0496, 62.7596, 71.6547



50.0134, 62.7596, 91.1392



54.5674, 62.7596, 106.2669

Triad

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



50.0134, 62.7596, 91.1392



71.7363, 62.7596, 84.4518



58.5173, 62.7596, 38.5262

Complementary

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



50.0134, 62.7596, 91.1392



48.7608, 38.8569, 24.0006

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.



65.0412, 62.7596, 40.7105



50.0134, 62.7596, 91.1392



72.9841, 62.7596, 65.1185

Square

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



50.0134, 62.7596, 91.1392



67.1574, 62.7596, 101.9407



70.4537, 62.7596, 49.6916



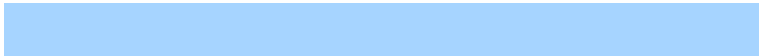
52.7261, 62.7596, 43.0683

Rectangle

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



50.0134, 62.7596, 91.1392



58.6194, 62.7596, 110.5760



70.4537, 62.7596, 49.6916



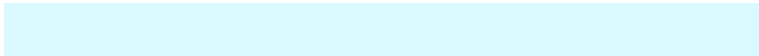
60.6949, 62.7596, 38.5085

Sweetspot

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



50.0153, 62.7620, 91.1407



81.4534, 90.5259, 107.7879



43.8648, 67.8933, 35.3485



17.0313, 19.0885, 23.0367



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.



50.0153, 62.7620, 91.1407



53.3036, 68.7083, 105.0604



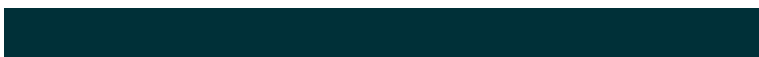
37.5603, 37.8519, 86.9890



16.0367, 17.5075, 20.2557



20.5759, 27.3761, 49.3275



1.7654, 2.3847, 4.1215

Inverse Universe

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



55.9907, 38.0416, 73.5015



61.2359, 37.6874, 81.2416



59.1646, 59.6644, 27.4685



16.3480, 15.9889, 19.3885



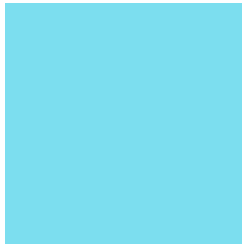
25.7114, 12.5570, 32.7265



2.1660, 1.0555, 2.8651

Previews

White Background



This preview shows how the XYZ color 50.0134, 62.7596, 91.1392 looks on a white background.

Color Contrast Check

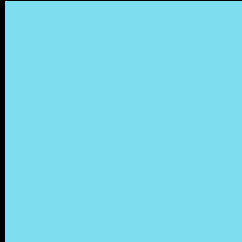
Large Text (above 18pt) WCAG AA × Fail

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 50.0134, 62.7596, 91.1392 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

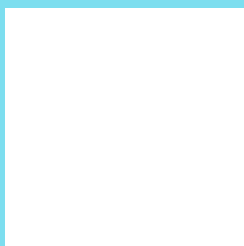
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0134, 62.7596, 91.1392

Background



This preview shows how black text looks on a background with the XYZ color 50.0134, 62.7596, 91.1392.

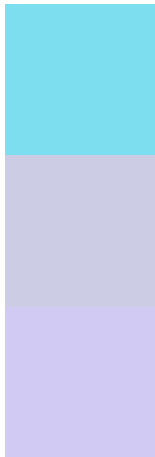


This preview shows how white text looks on a background with the XYZ color 50.0134, 62.7596,

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

50.0134, 62.7596, 91.1392

Protanopia

60.7368, 62.1014, 82.1844

Deuteranopia

63.5927, 62.2674, 93.4611



Tritanopia

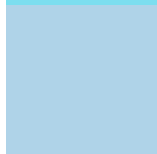
50.1616, 62.8189, 91.9195

Trichromacy



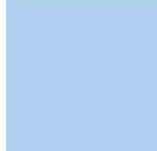
Original Color

50.0134, 62.7596, 91.1392



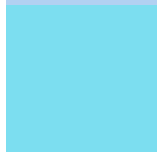
Protanomaly

55.5389, 61.5287, 85.2929



Deuteranomaly

57.1876, 61.4767, 92.8565



Tritanomaly

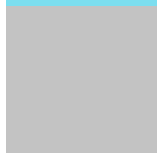
50.1616, 62.8189, 91.9195

Monochromacy



Original Color

50.0134, 62.7596, 91.1392



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

49.9514, 56.8008, 69.9590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0134, 62.7596, 91.1392 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(124, 222, 239)` looks like.

```
.text, #text, p{  
    color:rgb(124, 222, 239)  
}
```

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(124, 222, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 222, 239) }
```

Border

The CSS property to change the border of an element to XYZ 50.0134, 62.7596, 91.1392 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(124, 222, 239) }
```


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

```
.border{ border-color:rgb(124, 222, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 222, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 222, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 222, 239);  
box-shadow:4px 4px 4px 4px rgb(124, 222,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0134, 62.7596, 91.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 222, 239) }
```

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

```
.background{ background-color: rgb(124,  
222, 239) }
```

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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