

Converting Colors

XYZ(42.9996, 51.2262, 64.7481)

Have a look what the booklet for
XYZ(42.9996, 51.2262, 64.7481)
contains.

| | |
|--|----|
| XYZ(42.9996, 51.2262, 64.7481) | 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(42.9996, 51.2262,
64.7481)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 91C7CC |
| RGB | 145, 199, 204 |
| RGB Percent | 57%, 78%, 80% |
| CMY | 0.4314, 0.2196, 0.2000 |
| CMYK | 0.29, 0.02, 0.00, 0.20 |
| HSL | 185°, 37%, 68% |
| HSV | 185°, 29%, 80% |
| XYZ | 42.9996, 51.2262, 64.7481 |
| YIQ | 183.4240, -33.7890, -9.8930 |

Conversions

Conversions Part 2

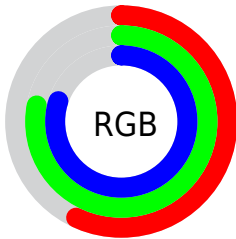
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 145, 173, 204 |
| Decimal | 9553868 |
| CIE Lab | 76.82, -16.23, -8.16 |
| CIE LCh | 77, 18.167, 206.680 |
| Yxy | 51.2262, 0.2705, 0.3222 |
| Android (android.graphics.Color) | 4287743948 (0xFF91C7CC) |
| YUV | 183.4240, 10.1440, -33.6978 |
| Hunter-Lab | 71.5725, -18.0119, -3.5360 |

Details

The XYZ color **42.9996, 51.2262, 64.7481** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9198, 36.6950, 31.7154**, and the grayscale version is **45.2031, 47.5572, 51.7897**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **20.0441, 24.7281, 32.5707** is the 20% darker color. If you saturate the color by 10%, you get **39.3277, 48.7476, 64.4641**, and if you desaturate by 10%, it is **47.3245, 54.0507, 65.0662**.

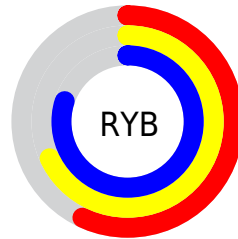
Distribution



Red (57%)

Green (78%)

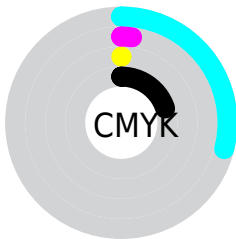
Blue (80%)



Red (57%)

Yellow (68%)

Blue (80%)

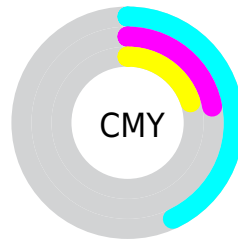


Cyan (29%)

Magenta (2%)

Yellow (0%)

Black (20%)



Cyan (43%)


Magenta (22%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9996, 51.2262, 64.7481 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 42.9996, 51.2262, 64.7481 by changing the saturation by 10% instead.


 42.9996, 51.2262,
64.7481


 42.9996, 51.2262,
64.7481


349.5317,
391.4420, 460.1676

 30.0793, 36.3887,
46.8068


 78.9660, 91.9890,
113.2974

 20.0472, 24.7345,
32.5297


 102.7428,
118.6831, 144.7425

 12.5378, 15.8794,
21.4982


130.8691,
150.0982, 181.5260

 7.1859, 9.4388,
13.2939

163.7104,
186.6187, 224.0664

 3.6260, 5.0285,
7.4981

201.6319,
228.6289, 272.7822

 1.4928, 2.2640,
3.6924

244.9991,

 0.3209, 0.7546,

276.5132, 328.0920

1.4582

294.1772,
330.6561, 390.4143

■ 0.0000, 0.0000,
0.1865

■ 0.0000, 0.0000,
0.0000

■ 42.9996, 51.2262,
64.7481

■ 42.9996, 51.2262,
64.7481

■ 39.3277, 48.7476,
64.4641

■ 47.3245, 54.0507,
65.0662

■ 36.2697, 46.5909,
64.2090

■ 52.3298, 57.2314,
65.4163

■ 33.7894, 44.7386,
63.9822

■ 58.0470, 60.7858,
65.8011

■ 31.8446, 43.1691,
63.7817

■ 64.5040, 64.7284,
66.2217

■ 30.3878, 41.8578,
63.6054

■ 71.7276, 69.0730,
66.6796

■ 29.3628, 40.7756,
63.4505

■ 75.0312, 71.4035,
66.9553

■ 28.6774, 39.8751,
63.3128

■ 75.4585, 72.2581,
67.0978

■ 28.6103, 39.7818,
63.2984

■ 75.8904, 73.1219,
67.2417

■ 76.3269, 73.9950,
67.3872

Harmonies

Analogous

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



42.3629, 51.2262, 54.6838



42.9996, 51.2262, 64.7481



45.1356, 51.2262, 73.2033

Triad

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



42.9996, 51.2262, 64.7481



54.4444, 51.2262, 66.8755



49.0741, 51.2262, 38.8807

Complementary

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



42.9996, 51.2262, 64.7481



40.9198, 36.6950, 31.7154

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.



52.4241, 51.2262, 41.3615



42.9996, 51.2262, 64.7481



55.6154, 51.2262, 56.8839

Square

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



42.9996, 51.2262, 64.7481



51.7283, 51.2262, 74.5298



54.8593, 51.2262, 47.6747



45.7711, 51.2262, 40.4668

Rectangle

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



42.9996, 51.2262, 64.7481



47.1768, 51.2262, 76.3787



54.8593, 51.2262, 47.6747



50.2331, 51.2262, 39.2586

Sweetspot

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



43.0011, 51.2283, 64.7493



86.4879, 94.6700, 108.3225



38.7693, 51.4058, 36.6992



18.2356, 20.0893, 23.1665



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.



43.0011, 51.2283, 64.7493



67.1189, 82.0907, 106.9153



36.8740, 38.9741, 62.7069



11.4588, 12.5581, 14.3904



18.0411, 25.1062, 39.8514



0.9552, 1.3442, 2.0641

Inverse Universe

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



45.3373, 37.2130, 58.8283



71.6873, 55.1842, 95.2251



46.2175, 47.2903, 33.4813



11.6450, 11.3867, 13.9310



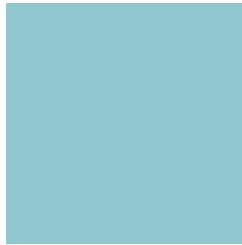
21.3172, 10.3375, 30.4529



1.1121, 0.5382, 1.6362

Previews

White Background



This preview shows how the XYZ color 42.9996, 51.2262, 64.7481 looks on a white background.

Color Contrast Check

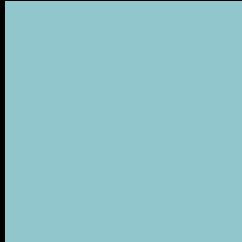
Large Text (above 18pt) WCAG AA × Fail

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 42.9996, 51.2262, 64.7481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

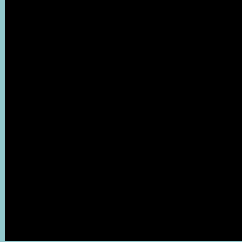
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9996, 51.2262, 64.7481

Background



This preview shows how black text looks on a background with the XYZ color 42.9996, 51.2262, 64.7481.

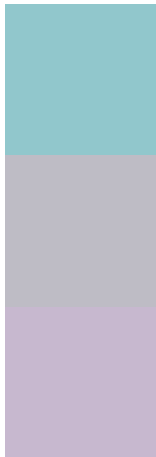


This preview shows how white text looks on a background with the XYZ color 42.9996, 51.2262,

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

42.9996, 51.2262, 64.7481

Protanopia

49.2965, 50.9448, 60.0585

Deuteranopia

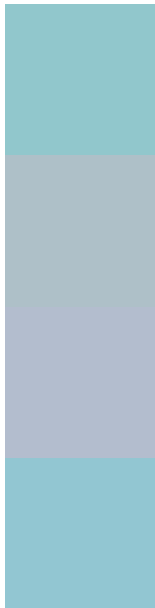
51.9562, 50.9281, 66.1232



Tritanopia

44.2369, 51.3953, 70.5395

Trichromacy



Original Color

42.9996, 51.2262, 64.7481

Protanomaly

46.7305, 50.8681, 61.9991

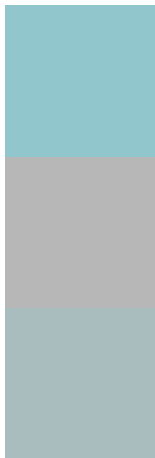
Deuteranomaly

47.9286, 50.4351, 65.6014

Tritanomaly

43.6810, 51.1523, 68.5439

Monochromacy



Original Color

42.9996, 51.2262, 64.7481

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.9638, 48.5918, 56.3522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9996, 51.2262, 64.7481 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(145, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(145, 199, 204)  
}
```

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(145, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 199, 204) }
```

Border

The CSS property to change the border of an element to XYZ 42.9996, 51.2262, 64.7481 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(145, 199, 204) }
```


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

```
.border{ border-color:rgb(145, 199, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(145, 199,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9996, 51.2262, 64.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 199, 204) }
```

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

```
.background{ background-color: rgb(145,  
199, 204) }
```

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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