

Converting Colors

XYZ(42.6239, 54.3959, 53.5260)

Have a look what the booklet for
XYZ(42.6239, 54.3959, 53.5260)
contains.

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Color

**XYZ(42.7092, 54.5017,
53.6163)**

Conversions

Conversions Part 1

Format	Color
Hex	90D0B8
RGB	144, 208, 184
RGB Percent	56%, 82%, 72%
CMY	0.4353, 0.1843, 0.2784
CMYK	0.31, 0.00, 0.12, 0.18
HSL	157°, 41%, 69%
HSV	157°, 31%, 82%
XYZ	42.7092, 54.5017, 53.6163
YIQ	186.1280, -30.4400, -21.0320

Conversions

Conversions Part 2

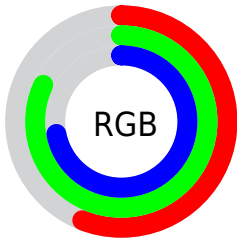
Format	Color
RYB	144, 183, 208
Decimal	9490616
CIELab	78.75, -25.45, 5.43
CIELCh	79, 26.024, 167.948
Yxy	54.5017, 0.2832, 0.3614
Android (android.graphics.Color)	4287680696 (0xFF90D0B8)
YUV	186.1280, -1.0491, -36.9463
Hunter-Lab	73.8253, -25.9289, 8.6178

Details

The XYZ color **42.7092, 54.5017, 53.6163** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0554, 36.1850, 41.7631**, and the grayscale version is **46.7630, 49.1983, 53.5769**.

A 20% lighter version of the original color is **75.0414, 89.9534, 95.8457**, and **19.8024, 26.6453, 25.5721** is the 20% darker color. If you saturate the color by 10%, you get **38.6105, 52.4821, 49.2737**, and if you desaturate by 10%, it is **47.5254, 56.8889, 58.2302**.

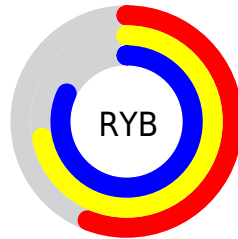
Distribution



Red (56%)

Green (82%)

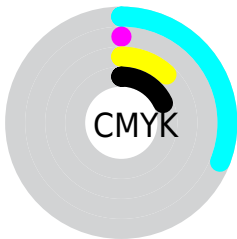
Blue (72%)



Red (56%)

Yellow (72%)

Blue (82%)

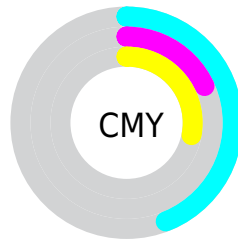


Cyan (31%)

Magenta (0%)

Yellow (12%)

Black (18%)



Cyan (44%)


Magenta (18%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7092, 54.5017, 53.6163 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 42.7092, 54.5017, 53.6163 by changing the saturation by 10% instead.


 42.7092, 54.5017,
53.6163


 42.7092, 54.5017,
53.6163

348.3563,
404.0203, 417.7783

 29.8505, 39.0029,
37.9039


 78.5303, 96.8105,
96.9613

 19.8727, 26.7620,
25.6069


 102.2235,
124.3893, 125.4311

 12.4103, 17.3945,
16.3066


130.2588,
156.7635, 158.9903

 7.0979, 10.5162,
9.5847

163.0018,
194.3176, 198.0576

 3.5703, 5.7425,
5.0225

200.8176,
237.4359, 243.0516

 1.4620, 2.6892,
2.2015

244.0718,

 0.2998, 0.9717,

286.5029, 294.3906

0.6752

293.1295,
341.9029, 352.4934

■ 0.0000, 0.0000,
0.0000

■ 42.7092, 54.5017,
53.6163

■ 42.7092, 54.5017,
53.6163

■ 38.6105, 52.4821,
49.2737

■ 47.5254, 56.8889,
58.2302

■ 35.1872, 50.8041,
45.1932

■ 53.0892, 59.6547,
63.1171

■ 32.3997, 49.4488,
41.3703


■ 59.4345, 62.8181,
68.2831


■ 30.2022, 48.3927,
37.7989


■ 66.5917, 66.3945,
73.7334


■ 28.5426, 47.6091,
34.4725


■ 74.5897, 70.3989,
79.4726


 27.3589, 47.0660,
31.3840

 78.1932, 72.1322,
85.2592

 26.5859, 46.7253,
28.7358

 79.3187, 72.5824,
91.1861

 80.4940, 73.0525,
97.3748

 81.7195, 73.5428,
103.8285

Harmonies

Analogous

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



44.7919, 54.5017, 42.3025



42.7092, 54.5017, 53.6163



42.9414, 54.5017, 68.5179

Triad

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



42.7092, 54.5017, 53.6163



54.9139, 54.5017, 90.6173



58.7219, 54.5017, 40.6780

Complementary

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



42.7092, 54.5017, 53.6163



43.0554, 36.1850, 41.7631

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.



61.8052, 54.5017, 51.0262



42.7092, 54.5017, 53.6163



59.5083, 54.5017, 80.4372

Square

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



42.7092, 54.5017, 53.6163



49.7620, 54.5017, 91.6220



62.1021, 54.5017, 65.4638



53.8975, 54.5017, 35.7052

Rectangle

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



42.7092, 54.5017, 53.6163



44.3794, 54.5017, 78.5464



62.1021, 54.5017, 65.4638



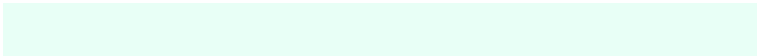
60.0098, 54.5017, 43.5564

Sweetspot

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



42.7107, 54.5039, 53.6175



85.7499, 95.3622, 101.3927



43.8539, 55.5112, 34.7898



18.0532, 20.2616, 21.4499



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.



42.7107, 54.5039, 53.6175



63.2550, 84.2078, 80.3639



43.6665, 52.0415, 67.4206



11.9625, 13.3288, 14.1591



16.6173, 29.1399, 18.1628



0.9669, 1.6444, 1.2146

Inverse Universe

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



43.0554, 36.1850, 41.7631



63.8914, 50.6146, 58.6468



42.1900, 37.7086, 31.4413



11.9895, 11.8805, 13.2205



17.1129, 8.7180, 5.5005



0.9949, 0.5027, 0.5079

Previews

White Background



This preview shows how the XYZ color 42.7092, 54.5017, 53.6163 looks on a white background.

Color Contrast Check

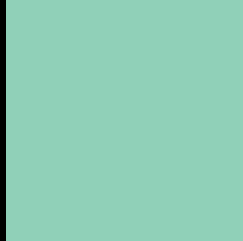
Large Text (above 18pt) WCAG AA × Fail

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 42.7092, 54.5017, 53.6163 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

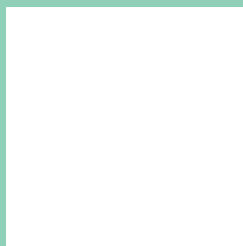
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7092, 54.5017, 53.6163

Background



This preview shows how black text looks on a background with the XYZ color 42.7092, 54.5017, 53.6163.



This preview shows how white text looks on a background with the XYZ color 42.7092, 54.5017,

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

42.7092, 54.5017, 53.6163

Protanopia

51.2636, 53.8311, 48.7629

Deuteranopia

55.0847, 54.0444, 55.1053



Tritanopia

47.0910, 54.5017, 75.0558

Trichromacy



Original Color

42.7092, 54.5017, 53.6163

Protanomaly

47.3868, 53.4666, 50.4704

Deuteranomaly

49.4710, 53.4369, 54.7207

Tritanomaly

45.3663, 54.5084, 66.5226

Monochromacy



Original Color

42.7092, 54.5017, 53.6163

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

44.8433, 50.7443, 53.3301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7092, 54.5017, 53.6163 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(144, 208, 184)` looks like.

```
.text, #text, p{  
    color:rgb(144, 208, 184)  
}
```

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(144, 208, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 208, 184) }
```

Border

The CSS property to change the border of an element to XYZ 42.7092, 54.5017, 53.6163 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(144, 208, 184) }
```


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

```
.border{ border-color:rgb(144, 208, 184) }
```

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

Here you see how a box with a 4 pixel rgb(144, 208, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 208, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 208, 184);  
box-shadow:4px 4px 4px 4px rgb(144, 208,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7092, 54.5017, 53.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 208, 184) }
```

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

```
.background{ background-color: rgb(144,  
208, 184) }
```

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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