

Converting Colors

XYZ(42.9204, 50.9530, 59.7973)

Have a look what the booklet for
XYZ(42.9204, 50.9530, 59.7973)
contains.

XYZ(42.9204, 50.9530, 59.7973)	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(42.9204, 50.9530,
59.7973)**

Conversions

Conversions Part 1

Format	Color
Hex	97C6C4
RGB	151, 198, 196
RGB Percent	59%, 78%, 77%
CMY	0.4078, 0.2235, 0.2314
CMYK	0.24, 0.00, 0.01, 0.22
HSL	177°, 29%, 68%
HSV	177°, 24%, 78%
XYZ	42.9204, 50.9530, 59.7973
YIQ	183.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

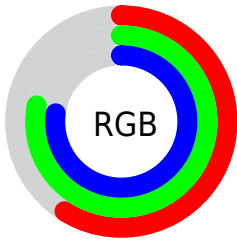
Format	Color
RYB	151, 175, 198
Decimal	9946820
CIELab	76.65, -15.76, -4.04
CIELCh	77, 16.266, 194.386
Yxy	50.9530, 0.2793, 0.3316
Android (android.graphics.Color)	4288136900 (0xFF97C6C4)
YUV	183.7190, 6.0545, -28.6946
Hunter-Lab	71.3814, -17.5884, 0.2988

Details

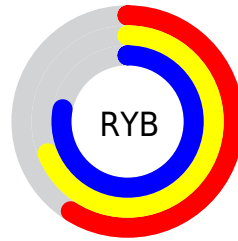
The XYZ color **42.9204, 50.9530, 59.7973** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1069, 36.4404, 35.0590**, and the grayscale version is **45.3846, 47.7482, 51.9978**.

A 20% lighter version of the original color is **78.9432, 91.7337, 106.4741**, and **20.0013, 24.5522, 29.2760** is the 20% darker color. If you saturate the color by 10%, you get **39.4545, 49.1787, 59.1363**, and if you desaturate by 10%, it is **47.0069, 53.0499, 60.4924**.

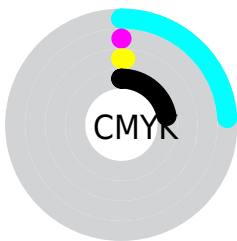
Distribution



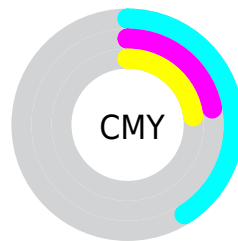
- Red (59%)
- Green (78%)
- Blue (77%)



- Red (59%)
- Yellow (69%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)




- Cyan (41%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9204, 50.9530, 59.7973 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 42.9204, 50.9530, 59.7973 by changing the saturation by 10% instead.


 42.9204, 50.9530,
59.7973


 42.9204, 50.9530,
59.7973


349.2114,
390.3812, 441.6341

 30.0169, 36.1712,
42.8310


 78.8472, 91.5853,
106.0761

 19.9996, 24.5664,
29.4222


 102.6012,
118.2046, 136.2256

 12.5030, 15.7543,
19.1521


130.7028,
149.5385, 171.6068

 7.1618, 9.3505,
11.6023

163.5173,
185.9714, 212.6379

 3.6107, 4.9705,
6.3543

201.4100,
227.8878, 259.7377

 1.4844, 2.2300,
2.9894

244.7464,

 0.3152, 0.7363,

275.6719, 313.3246

1.0892

293.8917,
329.7082, 373.8173

■ 0.0000, 0.0000,
0.0000

■ 42.9204, 50.9530,
59.7973

■ 42.9204, 50.9530,
59.7973

■ 39.4545, 49.1787,
59.1363

■ 47.0069, 53.0499,
60.4924

■ 36.5741, 47.7047,
58.5044

■ 51.7383, 55.4778,
61.2193

■ 34.2471, 46.5161,
57.9012

■ 57.1429, 58.2527,
61.9806

■ 32.4367, 45.5937,
57.3250

■ 63.2461, 61.3877,
62.7775

■ 31.1016, 44.9162,
56.7738

■ 70.0719, 64.8951,
63.6110

■ 30.1942, 44.4592,
56.2455

■ 71.9850, 65.8700,
64.2174

■ 29.6570, 44.1929,
55.7373

■ 72.0846, 65.9098,
64.7418

■ 29.4421, 44.0888,
55.4261

■ 72.1847, 65.9499,
65.2691

■ 72.2854, 65.9901,
65.7992

Harmonies

Analogous

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



42.9507, 50.9530, 51.0415



42.9204, 50.9530, 59.7973



44.3222, 50.9530, 68.1983

Triad

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



42.9204, 50.9530, 59.7973



52.6877, 50.9530, 68.4934



50.0396, 50.9530, 40.7053

Complementary

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



42.9204, 50.9530, 59.7973



40.1069, 36.4404, 35.0590

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.



52.7826, 50.9530, 44.4488



42.9204, 50.9530, 59.7973



54.3550, 50.9530, 60.1668

Square

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



42.9204, 50.9530, 59.7973



49.9145, 50.9530, 73.5678



54.3905, 50.9530, 51.3741



46.9739, 50.9530, 40.6289

Rectangle

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



42.9204, 50.9530, 59.7973



45.9159, 50.9530, 72.2075



54.3905, 50.9530, 51.3741



51.0328, 50.9530, 41.5572

Sweetspot

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



42.9219, 50.9551, 59.7985



88.6629, 96.7215, 107.9632



38.9846, 49.4311, 36.7656



18.8656, 20.6450, 23.0916



0.0000, 0.0000, 0.0000



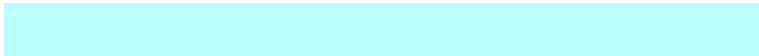
20.3446, 21.4041, 23.3091

Same Dimension

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



42.9219, 50.9551, 59.7985



72.9955, 88.6866, 105.3315



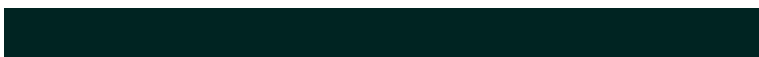
38.6496, 42.0433, 59.5066



10.9264, 12.0595, 13.5628



19.1544, 28.6741, 36.0872



0.9132, 1.3602, 1.7414

Inverse Universe

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



40.1069, 36.4404, 35.0590



67.2289, 58.9476, 54.6477



43.6575, 43.8041, 35.4332



10.6519, 10.6441, 11.1501



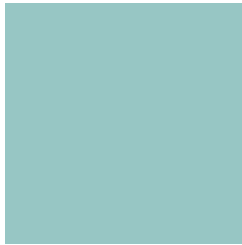
15.1833, 7.8229, 0.9094



0.7255, 0.3730, 0.0774

Previews

White Background



This preview shows how the XYZ color 42.9204, 50.9530, 59.7973 looks on a white background.

Color Contrast Check

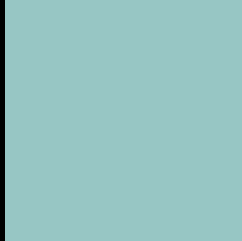
Large Text (above 18pt) WCAG AA × Fail

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 42.9204, 50.9530, 59.7973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

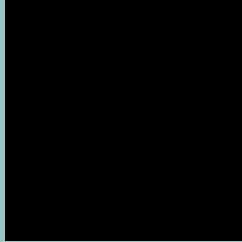
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9204, 50.9530, 59.7973

Background



This preview shows how black text looks on a background with the XYZ color 42.9204, 50.9530, 59.7973.



This preview shows how white text looks on a background with the XYZ color 42.9204, 50.9530,

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

42.9204, 50.9530, 59.7973

Protanopia

48.7633, 50.7605, 55.9429

Deuteranopia

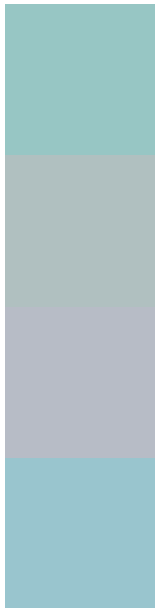
51.5994, 50.5471, 61.0698



Tritanopia

44.8242, 51.0530, 69.1197

Trichromacy



Original Color

42.9204, 50.9530, 59.7973

Protanomaly

46.2686, 50.7352, 57.2234

Deuteranomaly

47.7047, 50.1109, 60.5842

Tritanomaly

44.2437, 51.1610, 65.9357

Monochromacy



Original Color

42.9204, 50.9530, 59.7973

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.2880, 48.7967, 54.6614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9204, 50.9530, 59.7973 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(151, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(151, 198, 196)  
}
```

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(151, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 198, 196) }
```

Border

The CSS property to change the border of an element to XYZ 42.9204, 50.9530, 59.7973 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(151, 198, 196) }
```


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

```
.border{ border-color:rgb(151, 198, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 198, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 198, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 198, 196); box-shadow:4px 4px 4px 4px rgb(151, 198, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9204, 50.9530, 59.7973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 198, 196) }
```

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

```
.background{ background-color: rgb(151,  
198, 196) }
```

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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