

Converting Colors

XYZ(42.7477, 48.8868, 53.1144)

Have a look what the booklet for
XYZ(42.7477, 48.8868, 53.1144)
contains.

XYZ(42.9164, 49.0946, 53.1132)	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(42.9164, 49.0946,
53.1132)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C0B9
RGB	164, 192, 185
RGB Percent	64%, 75%, 73%
CMY	0.3569, 0.2470, 0.2745
CMYK	0.15, 0.00, 0.04, 0.25
HSL	165°, 18%, 70%
HSV	165°, 15%, 75%
XYZ	42.9164, 49.0946, 53.1132
YIQ	182.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

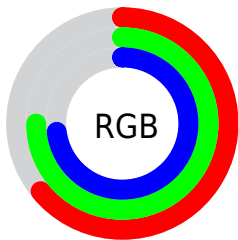
Format	Color
RYB	164, 180, 192
Decimal	10797241
CIELab	75.51, -10.85, 0.34
CIElCh	76, 10.858, 178.218
Yxy	49.0946, 0.2957, 0.3383
Android (android.graphics.Color)	4288987321 (0xFFA4C0B9)
YUV	182.8300, 1.0698, -16.5139
Hunter-Lab	70.0675, -13.2869, 4.1038

Details

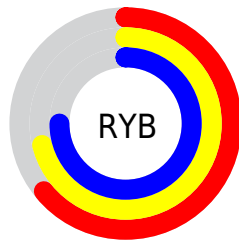
The XYZ color **42.9164, 49.0946, 53.1132** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3661, 40.6989, 44.1529**, and the grayscale version is **44.9177, 47.2569, 51.4628**.

A 20% lighter version of the original color is **78.6580, 88.5457, 96.1644**, and **20.0796, 23.5759, 25.3221** is the 20% darker color. If you saturate the color by 10%, you get **38.7512, 47.0063, 50.3175**, and if you desaturate by 10%, it is **47.6998, 51.5023, 56.0293**.

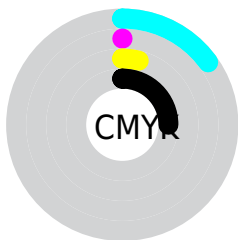
Distribution



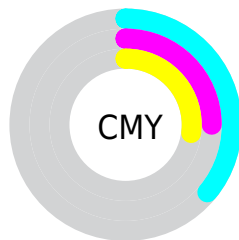
- Red (64%)
- Green (75%)
- Blue (73%)



- Red (64%)
- Yellow (71%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)





- Cyan (36%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9164, 49.0946, 53.1132 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 42.9164, 49.0946, 53.1132 by changing the saturation by 10% instead.


 42.9164, 49.0946,
53.1132


 42.9164, 49.0946,
53.1132

349.1952,
383.1146, 415.7979

 30.0138, 34.6945,
37.5048


 78.8412, 88.8319,
96.2142

 19.9972, 23.4277,
25.2997


 102.5941,
114.9380, 124.5438

 12.5012, 14.9096,
16.0795


130.6944,
145.7148, 157.9509

 7.1606, 8.7560,
9.4254

163.5075,
181.5469, 196.8541

 3.6100, 4.5824,
4.9191

201.3988,
222.8185, 241.6718

 1.4839, 2.0044,
2.1420

244.7336,

 0.3149, 0.6100,

269.9140, 292.8227

0.6406

293.8773,
323.2179, 350.7252

■ 0.0000, 0.0000,
0.0000

■ 42.9164, 49.0946,
53.1132

■ 42.9164, 49.0946,
53.1132

■ 38.7512, 47.0063,
50.3175

■ 47.6998, 51.5023,
56.0293

■ 35.1730, 45.2173,
47.6368

■ 53.1223, 54.2362,
59.0644

■ 32.1544, 43.7148,
45.0699

■ 59.2092, 57.3105,
62.2218

■ 29.6639, 42.4827,
42.6144

■ 65.9830, 60.7369,
65.5032

■ 27.6669, 41.5030,
40.2678

■ 71.6004, 63.5651,
68.8232

■ 26.1245, 40.7559,
38.0275

■ 72.2040, 63.8065,
72.0022

■ 24.9920, 40.2182,
35.8903

■ 72.8258, 64.0552,
75.2763

■ 24.2150, 39.8620,
33.8527

■ 73.4658, 64.3112,
78.6464

■ 23.8837, 39.7144,
32.7877

■ 74.1242, 64.5746,
82.1133

Harmonies

Analogous

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



43.4634, 49.0946, 47.8513



42.9164, 49.0946, 53.1132



43.3492, 49.0946, 58.8453

Triad

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



42.9164, 49.0946, 53.1132



48.5087, 49.0946, 63.7816



48.7221, 49.0946, 44.6126

Complementary

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



42.9164, 49.0946, 53.1132



42.3661, 40.6989, 44.1529

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.



50.1414, 49.0946, 48.4056



42.9164, 49.0946, 53.1132



50.0158, 49.0946, 59.4814

Square

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



42.9164, 49.0946, 53.1132



46.5432, 49.0946, 65.2623



50.6214, 49.0946, 53.7996



46.7829, 49.0946, 43.1665

Rectangle

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



42.9164, 49.0946, 53.1132



44.1422, 49.0946, 62.1144



50.6214, 49.0946, 53.7996



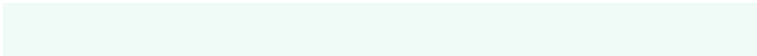
49.2778, 49.0946, 45.6415

Sweetspot

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



42.9178, 49.0967, 53.1143



86.9075, 93.5577, 101.7978



42.4484, 49.0922, 42.3611



18.4937, 19.9953, 21.7511



92.9021, 97.7402, 106.4391



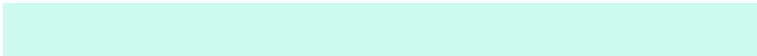
19.4759, 20.4902, 22.3138

Same Dimension

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



42.9178, 49.0967, 53.1143



74.8372, 87.4879, 94.3338



42.2725, 46.5936, 56.6371



10.2574, 11.3840, 12.3589



16.1029, 26.7352, 22.2325



0.7220, 1.1656, 1.0987

Inverse Universe

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



42.3661, 40.6989, 44.1529



73.6165, 68.8955, 74.4971



42.9156, 42.8380, 41.1292



10.1742, 10.1183, 11.0080



15.0135, 7.6951, 2.7171



0.6774, 0.3440, 0.2687

Previews

White Background



This preview shows how the XYZ color 42.9164, 49.0946, 53.1132 looks on a white background.

Color Contrast Check

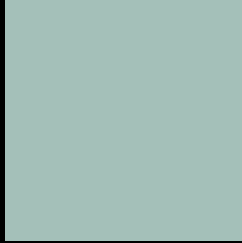
Large Text (above 18pt) WCAG AA × Fail

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 42.9164, 49.0946, 53.1132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

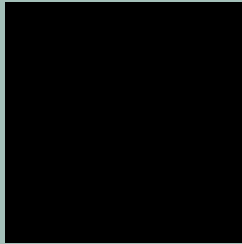
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

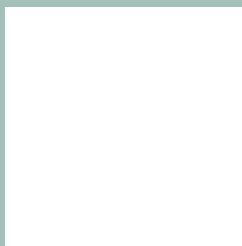
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9164, 49.0946, 53.1132

Background



This preview shows how black text looks on a background with the XYZ color 42.9164, 49.0946, 53.1132.



This preview shows how white text looks on a background with the XYZ color 42.9164, 49.0946,

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

42.9164, 49.0946, 53.1132

Protanopia

46.9247, 48.9813, 50.6972

Deuteranopia

49.9195, 48.9269, 53.8265



Tritanopia

45.0330, 48.9703, 64.2055

Trichromacy



Original Color

42.9164, 49.0946, 53.1132

Protanomaly

45.4828, 49.1676, 51.3491

Deuteranomaly

46.9897, 48.6450, 53.3672

Tritanomaly

44.2174, 48.9651, 59.9440

Monochromacy



Original Color

42.9164, 49.0946, 53.1132

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1151, 47.8086, 52.2503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9164, 49.0946, 53.1132 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(164, 192, 185)` looks like.

```
.text, #text, p{  
    color:rgb(164, 192, 185)  
}
```

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(164, 192, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 192, 185) }
```

Border

The CSS property to change the border of an element to XYZ 42.9164, 49.0946, 53.1132 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(164, 192, 185) }
```


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

```
.border{ border-color:rgb(164, 192, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 192, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 192, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 192, 185);  
box-shadow:4px 4px 4px 4px rgb(164, 192,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9164, 49.0946, 53.1132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 192, 185) }
```

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

```
.background{ background-color: rgb(164,  
192, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor