

Converting Colors

XYZ(42.2703, 50.6934, 56.3686)

Have a look what the booklet for
XYZ(42.2703, 50.6934, 56.3686)
contains.

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Color

**XYZ(42.2508, 50.6852,
56.2716)**

Conversions

Conversions Part 1

Format	Color
Hex	97C6BE
RGB	151, 198, 190
RGB Percent	59%, 78%, 75%
CMY	0.4078, 0.2235, 0.2549
CMYK	0.24, 0.00, 0.04, 0.22
HSL	170°, 29%, 68%
HSV	170°, 24%, 78%
XYZ	42.2508, 50.6852, 56.2716
YIQ	183.0350, -25.4440, -12.4520

Conversions

Conversions Part 2

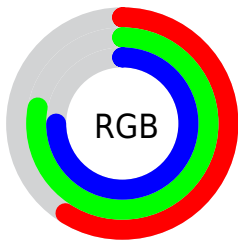
Format	Color
RYB	151, 177, 198
Decimal	9946814
CIELab	76.49, -17.06, -1.04
CIElCh	76, 17.092, 183.480
Yxy	50.6852, 0.2832, 0.3397
Android (android.graphics.Color)	4288136894 (0xFF97C6BE)
YUV	183.0350, 3.4337, -28.0947
Hunter-Lab	71.1935, -18.6554, 2.9725

Details

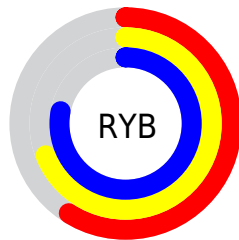
The XYZ color **42.2508, 50.6852, 56.2716** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6150, 36.6434, 37.7351**, and the grayscale version is **45.0218, 47.3665, 51.5821**.

A 20% lighter version of the original color is **77.8482, 91.2956, 100.7076**, and **19.6342, 24.4053, 27.3428** is the 20% darker color. If you saturate the color by 10%, you get **38.5164, 48.8035, 54.1964**, and if you desaturate by 10%, it is **46.6138, 52.8927, 58.4228**.

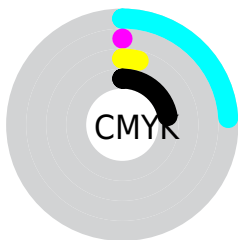
Distribution



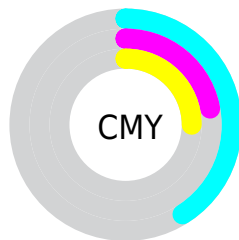
- Red (59%)
- Green (78%)
- Blue (75%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (41%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2508, 50.6852, 56.2716 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 42.2508, 50.6852, 56.2716 by changing the saturation by 10% instead.

■ 42.2508, 50.6852,
56.2716

■ 42.2508, 50.6852,
56.2716

346.4955,
389.3395, 428.1313

■ 29.4897, 35.9581,
40.0153

■ 77.8418, 91.1893,
100.8913

■ 19.5977, 24.4019,
27.2366

■ 101.4025,
117.7351, 130.0918

■ 12.2095, 15.6320,
17.5170

129.2937,
148.9893, 164.4441

■ 6.9598, 9.2641,
10.4379

161.8808,
185.3362, 204.3667

■ 3.4830, 4.9139,
5.5809

199.5292,
227.1603, 250.2782

■ 1.4141, 2.1968,
2.5273

242.6042,

■ 0.2662, 0.7183,

274.8459, 302.5971

0.8546

291.4712,
328.7775, 361.7419

■ 0.0000, 0.0000,
0.0000

■ 42.2508, 50.6852,
56.2716

■ 42.2508, 50.6852,
56.2716

■ 38.5164, 48.8035,
54.1964

■ 46.6138, 52.8927,
58.4228

■ 35.3754, 47.2253,
52.1922

■ 51.6297, 55.4344,
60.6483

■ 32.7956, 45.9355,
50.2581

■ 57.3270, 58.3264,
62.9508

■ 30.7403, 44.9152,
48.3921

■ 63.7310, 61.5817,
65.3317

■ 29.1681, 44.1429,
46.5921

■ 70.8658, 65.2127,
67.7925

■ 28.0312, 43.5941,
44.8554

■ 73.0964, 66.3146,
70.0697

■ 27.2723, 43.2391,
43.1791

■ 73.5216, 66.4847,
72.3086

■ 26.9223, 43.0809,
42.1569

■ 73.9556, 66.6583,
74.5944

■ 74.3987, 66.8355,
76.9274

Harmonies

Analogous

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



42.8405, 50.6852, 47.6370



42.2508, 50.6852, 56.2716



43.1892, 50.6852, 65.5670

Triad

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



42.2508, 50.6852, 56.2716



51.6744, 50.6852, 71.3516



50.9948, 50.6852, 40.7833

Complementary

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



42.2508, 50.6852, 56.2716



40.6150, 36.6434, 37.7351

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.



53.5300, 50.6852, 45.9657



42.2508, 50.6852, 56.2716



53.9345, 50.6852, 63.4966

Square

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



42.2508, 50.6852, 56.2716



48.5518, 50.6852, 74.8632



54.6281, 50.6852, 54.1175



47.7997, 50.6852, 39.3020

Rectangle

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



42.2508, 50.6852, 56.2716



44.5806, 50.6852, 70.7125



54.6281, 50.6852, 54.1175



51.9571, 50.6852, 42.1195

Sweetspot

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



42.2523, 50.6873, 56.2727



88.2996, 96.5762, 106.0501



40.2022, 50.0588, 36.8223



18.7812, 20.6112, 22.6472



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.



42.2523, 50.6873, 56.2727



71.5855, 88.1226, 97.9066



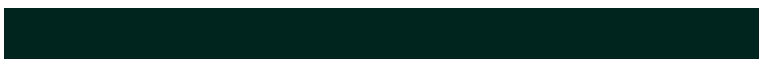
39.9146, 44.5734, 59.9284



10.8662, 12.0354, 13.2455



17.5351, 28.0264, 27.5601



0.8514, 1.3355, 1.4160

Inverse Universe

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



40.6150, 36.6434, 37.7351



68.2336, 59.3495, 59.9387



42.4913, 41.4717, 35.0442



10.7063, 10.6659, 11.4369



15.3523, 7.8905, 1.7991



0.7504, 0.3830, 0.2089

Previews

White Background



This preview shows how the XYZ color 42.2508, 50.6852, 56.2716 looks on a white background.

Color Contrast Check

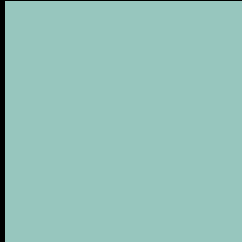
Large Text (above 18pt) WCAG AA × Fail

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 42.2508, 50.6852, 56.2716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

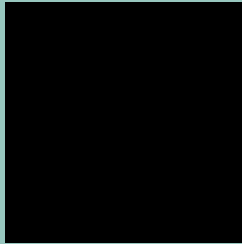
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2508, 50.6852, 56.2716

Background



This preview shows how black text looks on a background with the XYZ color 42.2508, 50.6852, 56.2716.



This preview shows how white text looks on a background with the XYZ color 42.2508, 50.6852,

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

42.2508, 50.6852, 56.2716

Protanopia

48.1603, 50.2078, 52.5002

Deuteranopia

51.2554, 50.1435, 57.4293



Tritanopia

44.7905, 50.7019, 69.0538

Trichromacy



Original Color

42.2508, 50.6852, 56.2716

Protanomaly

45.6252, 50.1539, 53.7303

Deuteranomaly

47.5052, 50.0865, 57.0330

Tritanomaly

43.8458, 50.6617, 63.9677

Monochromacy



Original Color

42.2508, 50.6852, 56.2716

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.6407, 48.1695, 53.4519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2508, 50.6852, 56.2716 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(151, 198, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 198, 190) }
```

Border

The CSS property to change the border of an element to XYZ 42.2508, 50.6852, 56.2716 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, 190) }
```


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

```
.border{ border-color:rgb(151, 198, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 198, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 198, 190);  
box-shadow:4px 4px 4px 4px rgb(151, 198,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2508, 50.6852, 56.2716 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, 190) }
```

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

```
.background{ background-color: rgb(151,  
198, 190) }
```

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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