

Converting Colors

XYZ(41.8010, 46.2901, 55.4697)

Have a look what the booklet for
XYZ(41.8010, 46.2901, 55.4697)
contains.

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Color

**XYZ(41.7475, 46.2022,
55.4328)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B9BE
RGB	163, 185, 190
RGB Percent	64%, 73%, 75%
CMY	0.3608, 0.2745, 0.2549
CMYK	0.14, 0.03, 0.00, 0.25
HSL	191°, 17%, 69%
HSV	191°, 14%, 75%
XYZ	41.7475, 46.2022, 55.4328
YIQ	178.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

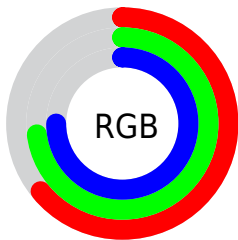
Format	Color
RYB	163, 175, 190
Decimal	10729918
CIELab	73.68, -6.46, -5.08
CIELCh	74, 8.223, 218.182
Yxy	46.2022, 0.2912, 0.3222
Android (android.graphics.Color)	4288919998 (0xFFA3B9BE)
YUV	178.9920, 5.4269, -14.0250
Hunter-Lab	67.9722, -9.3193, -0.7717

Details

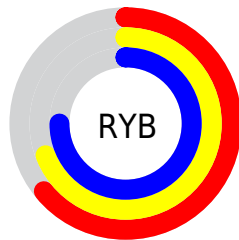
The XYZ color **41.7475, 46.2022, 55.4328** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8490, 41.5966, 40.4744**, and the grayscale version is **42.8222, 45.0523, 49.0619**.

A 20% lighter version of the original color is **77.0033, 84.4698, 99.4346**, and **19.3222, 21.6882, 26.8348** is the 20% darker color. If you saturate the color by 10%, you get **37.4195, 42.8935, 55.0230**, and if you desaturate by 10%, it is **46.6809, 49.8524, 55.8781**.

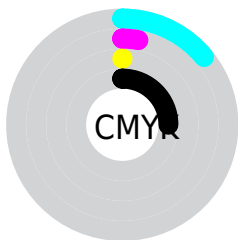
Distribution



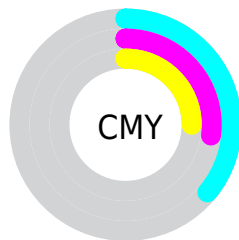
- Red (64%)
- Green (73%)
- Blue (75%)



- Red (64%)
- Yellow (69%)
- Blue (75%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7475, 46.2022, 55.4328 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 41.7475, 46.2022, 55.4328 by changing the saturation by 10% instead.

■ 41.7475, 46.2022,
55.4328

■ 41.7475, 46.2022,
55.4328

344.4446,
371.6210, 424.8785

■ 29.0939, 32.4054,
39.3474

■ 77.0849, 84.5215,
99.6523

■ 19.2965, 21.6713,
26.7202

■ 100.4994,
109.8129, 128.6235

■ 11.9900, 13.6156,
17.1326

128.2315,
139.7045, 162.7270

■ 6.8090, 7.8538,
10.1661

160.6467,
174.5808, 202.3814

■ 3.3882, 4.0015,
5.4022

198.1102,
214.8262, 248.0052

■ 1.3622, 1.6744,
2.4223

240.9875,

■ 0.2291, 0.4070,

260.8251, 300.0169

0.7985

289.6438,
312.9619, 358.8352

■ 0.0000, 0.0000,
0.0000

■ 41.7475, 46.2022,
55.4328

■ 41.7475, 46.2022,
55.4328

■ 37.4195, 42.8935,
55.0230

■ 46.6809, 49.8524,
55.8781

■ 33.6667, 39.9070,
54.6444

■ 52.2402, 53.8512,
56.3569

■ 30.4624, 37.2299,
54.2965

■ 58.4497, 58.2127,
56.8715

■ 27.7761, 34.8463,
53.9780

■ 65.3315, 62.9482,
57.4228

■ 25.5743, 32.7387,
53.6872

■ 71.7930, 67.4949,
57.9599

■ 23.8194, 30.8874,
53.4224

■ 72.6307, 69.1704,
58.2391

■ 22.4680, 29.2700,
53.1814

■ 73.4874, 70.8838,
58.5247

■ 21.4676, 27.8592,
52.9619

■ 74.3632, 72.6353,
58.8166

■ 20.9883, 27.1056,
52.8416

■ 75.2581, 74.4252,
59.1149

Harmonies

Analogous

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



41.1978, 46.2022, 51.4573



41.7475, 46.2022, 55.4328



42.8804, 46.2022, 58.1317

Triad

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



41.7475, 46.2022, 55.4328



46.5673, 46.2022, 53.3487



43.5161, 46.2022, 42.7726

Complementary

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



41.7475, 46.2022, 55.4328



41.8490, 41.5966, 40.4744

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.



44.9636, 46.2022, 43.2168



41.7475, 46.2022, 55.4328



46.7466, 46.2022, 49.1727

Square

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



41.7475, 46.2022, 55.4328



45.6691, 46.2022, 56.8828



46.1538, 46.2022, 45.5061



42.2041, 46.2022, 44.2574

Rectangle

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



41.7475, 46.2022, 55.4328



43.8250, 46.2022, 58.7626



46.1538, 46.2022, 45.5061



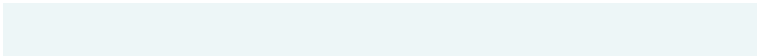
44.0028, 46.2022, 42.7030

Sweetspot

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



41.7488, 46.2041, 55.4338



84.7297, 90.4393, 101.2699



40.5817, 47.4395, 44.0401



18.4473, 19.7440, 22.2240



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.



41.7488, 46.2041, 55.4338



73.1352, 81.8246, 100.2182



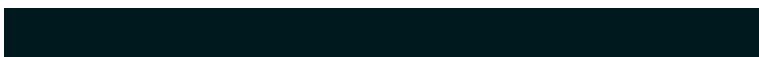
39.0664, 40.8391, 54.5397



9.6544, 10.5011, 12.1903



14.0091, 18.1300, 35.1540



0.5884, 0.7894, 1.3902

Inverse Universe

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



43.0904, 40.6453, 51.4754



76.0486, 69.9100, 91.5872



44.4624, 46.8234, 41.3456



9.8522, 9.6652, 11.6104



18.0719, 8.8599, 21.4701



0.7279, 0.3550, 0.9463

Previews

White Background



This preview shows how the XYZ color 41.7475, 46.2022, 55.4328 looks on a white background.

Color Contrast Check

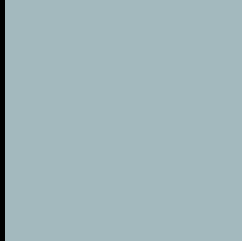
Large Text (above 18pt) WCAG AA × Fail

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 41.7475, 46.2022, 55.4328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

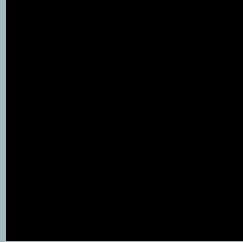
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7475, 46.2022, 55.4328

Background



This preview shows how black text looks on a background with the XYZ color 41.7475, 46.2022, 55.4328.



This preview shows how white text looks on a background with the XYZ color 41.7475, 46.2022,

55.4328.

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

41.7475, 46.2022, 55.4328

Protanopia

44.5823, 46.1755, 53.5767

Deuteranopia

46.8367, 45.8032, 56.2415



Tritanopia

42.8506, 46.3575, 60.1155

Trichromacy



Original Color

41.7475, 46.2022, 55.4328

Protanomaly

43.4842, 46.2007, 54.2027

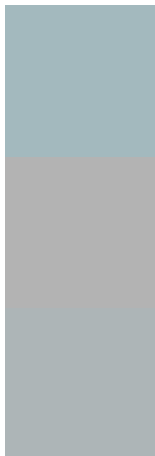
Deuteranomaly

44.8155, 45.9469, 55.7968

Tritanomaly

42.3007, 46.1136, 58.3011

Monochromacy



Original Color

41.7475, 46.2022, 55.4328

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.3047, 45.3509, 51.3236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7475, 46.2022, 55.4328 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(163, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(163, 185, 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(163, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 185, 190) }
```

Border

The CSS property to change the border of an element to XYZ 41.7475, 46.2022, 55.4328 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(163, 185, 190) }
```


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

```
.border{ border-color:rgb(163, 185, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 185, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(163, 185,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7475, 46.2022, 55.4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 185, 190) }
```

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

```
.background{ background-color: rgb(163,  
185, 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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