

Converting Colors

XYZ(44.1261, 46.0614, 55.3332)

Have a look what the booklet for
XYZ(44.1261, 46.0614, 55.3332)
contains.

XYZ(44.1782, 46.2304, 55.3101)	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(44.1782, 46.2304,
55.3101)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B5BE
RGB	178, 181, 190
RGB Percent	70%, 71%, 75%
CMY	0.3020, 0.2902, 0.2549
CMYK	0.06, 0.05, 0.00, 0.25
HSL	225°, 8%, 72%
HSV	225°, 6%, 75%
XYZ	44.1782, 46.2304, 55.3101
YIQ	181.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

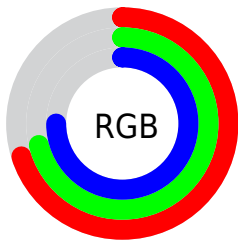
Format	Color
RYB	178, 180, 190
Decimal	11711934
CIELab	73.69, 0.70, -4.93
CIELCh	74, 4.982, 278.025
Yxy	46.2304, 0.3032, 0.3173
Android (android.graphics.Color)	4289902014 (0xFFB2B5BE)
YUV	181.1290, 4.3734, -2.7441
Hunter-Lab	67.9929, -3.0078, -0.6355

Details

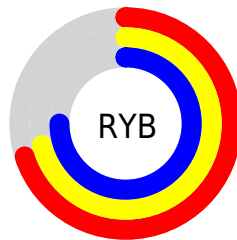
The XYZ color **44.1782, 46.2304, 55.3101** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0415, 49.7017, 49.2342**, and the grayscale version is **43.9707, 46.2606, 50.3778**.

A 20% lighter version of the original color is **80.8504, 84.7146, 99.2791**, and **20.6920, 21.6045, 26.7464** is the 20% darker color. If you saturate the color by 10%, you get **37.3673, 38.6379, 54.2043**, and if you desaturate by 10%, it is **51.8919, 54.7305, 56.5449**.

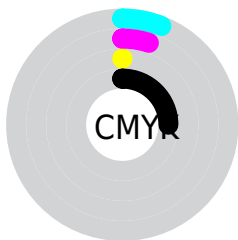
Distribution



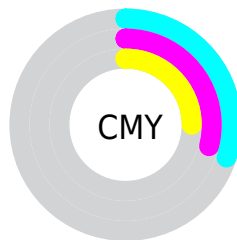
- Red (70%)
- Green (71%)
- Blue (75%)



- Red (70%)
- Yellow (71%)
- Blue (75%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1782, 46.2304, 55.3101 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 44.1782, 46.2304, 55.3101 by changing the saturation by 10% instead.

■ 44.1782, 46.2304,
55.3101

■ 44.1782, 46.2304,
55.3101

354.2749,
371.7342, 424.4014

■ 31.0091, 32.4277,
39.2498

■ 80.7305, 84.5637,
99.4709

■ 20.7577, 21.6884,
26.6448

104.8445,
109.8631, 128.4084

■ 13.0584, 13.6281,
17.0765

133.3374,
139.7634, 162.4754

■ 7.5461, 7.8625,
10.1265

166.5748,
174.6492, 202.0904

■ 3.8552, 4.0071,
5.3762

204.9218,
214.9048, 247.6719

■ 1.6206, 1.6775,
2.4071

248.7440,

■ 0.4058, 0.4090,

260.9145, 299.6386

0.7903

298.4066,
313.0629, 358.4089

■ 0.0000, 0.0000,
0.0000

■ 44.1782, 46.2304,
55.3101

■ 44.1782, 46.2304,
55.3101

■ 37.3673, 38.6379,
54.2043

■ 51.8919, 54.7305,
56.5449

■ 31.4215, 31.9167,
53.2203

■ 60.5360, 64.1613,
57.9097

■ 26.3066, 26.0366,
52.3550

■ 70.1420, 74.5523,
59.4091

■ 21.9844, 20.9634,
51.6035

■ 80.7387, 85.9301,
61.0467

■ 18.4136, 16.6605,
50.9612

■ 85.4177, 94.7443,
62.5014

■ 15.5490, 13.0882,
50.4226

■ 86.2944, 96.4978,
62.7936

■ 13.3403, 10.2030,
49.9822

■ 11.7299, 7.9564,
49.6334

■ 10.6458, 6.2904,
49.3690

Harmonies

Analogous

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



43.3080, 46.2304, 54.9851



44.1782, 46.2304, 55.3101



44.9954, 46.2304, 54.2678

Triad

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



44.1782, 46.2304, 55.3101



45.2925, 46.2304, 47.3991



42.3839, 46.2304, 48.5383

Complementary

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



44.1782, 46.2304, 55.3101



47.0415, 49.7017, 49.2342

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.



42.9024, 46.2304, 46.6008



44.1782, 46.2304, 55.3101



44.5794, 46.2304, 45.9586

Square

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



44.1782, 46.2304, 55.3101



45.6444, 46.2304, 49.6609



43.7039, 46.2304, 45.6714



42.2798, 46.2304, 51.0193

Rectangle

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



44.1782, 46.2304, 55.3101



45.3975, 46.2304, 52.9577



43.7039, 46.2304, 45.6714



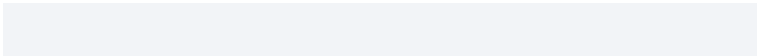
42.5152, 46.2304, 47.8043

Sweetspot

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



44.1795, 46.2324, 55.3111



85.8418, 90.1712, 101.1596



45.7225, 49.8719, 54.1186



18.8810, 19.8348, 22.2187



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.



44.1795, 46.2324, 55.3111



77.7001, 81.1623, 99.8498



44.2246, 45.3589, 55.1401



9.2053, 9.6029, 12.0406



6.9243, 3.9603, 32.7924



0.3252, 0.2631, 1.3025

Inverse Universe

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



45.4971, 46.1250, 50.2234



80.7430, 80.9394, 88.0943



46.9925, 50.6320, 49.4164



9.6255, 9.5745, 10.4168



14.4958, 7.4295, 2.6387



0.5951, 0.3019, 0.2468

Previews

White Background



This preview shows how the XYZ color 44.1782, 46.2304, 55.3101 looks on a white background.

Color Contrast Check

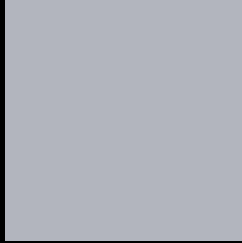
Large Text (above 18pt) WCAG AA × Fail

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 44.1782, 46.2304, 55.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

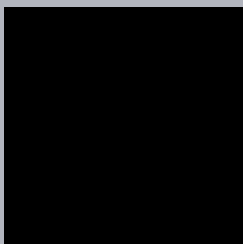
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

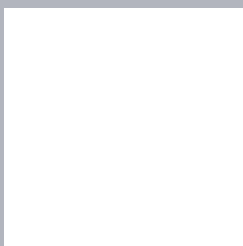
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1782, 46.2304, 55.3101

Background



This preview shows how black text looks on a background with the XYZ color 44.1782, 46.2304, 55.3101.



This preview shows how white text looks on a background with the XYZ color 44.1782, 46.2304,

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

44.1782, 46.2304, 55.3101

Protanopia

44.7980, 46.2617, 54.7124

Deuteranopia

47.1774, 46.2816, 55.7369



Tritanopia

44.7620, 46.1664, 58.1815

Trichromacy



Original Color

44.1782, 46.2304, 55.3101

Protanomaly

44.5626, 46.1404, 54.7014

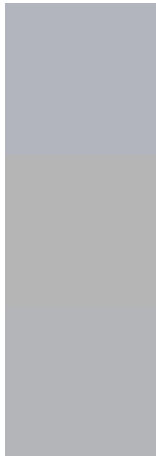
Deuteranomaly

46.0634, 46.2937, 55.7980

Tritanomaly

44.5373, 46.0765, 56.9984

Monochromacy



Original Color

44.1782, 46.2304, 55.3101

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.9980, 46.2117, 51.9482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1782, 46.2304, 55.3101 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(178, 181, 190) looks like.

```
.text, #text, p{  
    color:rgb(178, 181, 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(178, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 181, 190) }
```

Border

The CSS property to change the border of an element to XYZ 44.1782, 46.2304, 55.3101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

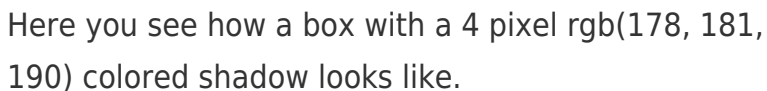
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 181, 190) }
```


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

```
.border{ border-color:rgb(178, 181, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 181, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 181, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 181, 190);  
box-shadow:4px 4px 4px 4px rgb(178, 181,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1782, 46.2304, 55.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 181, 190) }
```

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

```
.background{ background-color: rgb(178,  
181, 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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