

Converting Colors

XYZ(46.1893, 51.5383, 46.0873)

Have a look what the booklet for
XYZ(46.1893, 51.5383, 46.0873)
contains.

XYZ(46.1709, 51.5911, 46.0527)	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(46.1709, 51.5911,
46.0527)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C2AB
RGB	183, 194, 171
RGB Percent	72%, 76%, 67%
CMY	0.2823, 0.2392, 0.3294
CMYK	0.06, 0.00, 0.12, 0.24
HSL	89°, 16%, 72%
HSV	89°, 12%, 76%
XYZ	46.1709, 51.5911, 46.0527
YIQ	188.0890, 0.8270, -9.4850

Conversions

Conversions Part 2

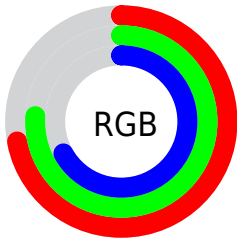
Format	Color
RYB	171, 194, 182
Decimal	12042923
CIELab	77.04, -7.97, 10.28
CIElCh	77, 13.005, 127.780
Yxy	51.5911, 0.3210, 0.3587
Android (android.graphics.Color)	4290233003 (0xFFB7C2AB)
YUV	188.0890, -8.4249, -4.4631
Hunter-Lab	71.8269, -10.9560, 12.2644

Details

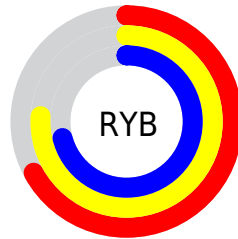
The XYZ color **46.1709, 51.5911, 46.0527** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5939, 42.9674, 57.0375**, and the grayscale version is **47.8977, 50.3921, 54.8771**.

A 20% lighter version of the original color is **83.5097, 92.2129, 85.3489**, and **21.9138, 24.8339, 21.0912** is the 20% darker color. If you saturate the color by 10%, you get **42.3211, 49.8062, 36.9177**, and if you desaturate by 10%, it is **50.4406, 53.5641, 56.6263**.

Distribution



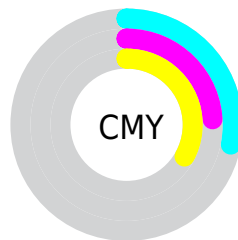
- Red (72%)
- Green (76%)
- Blue (67%)



- Red (67%)
- Yellow (76%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1709, 51.5911, 46.0527 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 46.1709, 51.5911, 46.0527 by changing the saturation by 10% instead.

■ 46.1709, 51.5911,
46.0527

■ 46.1709, 51.5911,
46.0527

362.1997,
392.8560, 387.3042

■ 32.5859, 36.6792,
31.9384

■ 83.7010, 92.5279,
85.6330

■ 21.9671, 24.9592,
21.0501

108.3768,
119.3217, 111.9361

■ 13.9492, 16.0467,
12.9690

137.4803,
150.8449, 143.1392

■ 8.1668, 9.5572,
7.2767

171.3767,
187.4819, 179.6609

■ 4.2546, 5.1064,
3.5547

210.4316,
229.6171, 221.9197

■ 1.8471, 2.3098,
1.3844

255.0101,

■ 0.5458, 0.7789,

277.6349, 270.3342

0.1295

305.4777,
331.9198, 325.3228

■ 0.0000, 0.0000,
0.0000

■ 46.1709, 51.5911,
46.0527

■ 46.1709, 51.5911,
46.0527

■ 42.3211, 49.8062,
36.9177

■ 50.4406, 53.5641,
56.6263

■ 38.8723, 48.1965,
29.1559

■ 55.1397, 55.7244,
68.6935

■ 35.8105, 46.7578,
22.7016

■ 60.2827, 58.0796,
82.3106

■ 33.1190, 45.4830,
17.4825

■ 65.8821, 60.6351,
97.5299

■ 30.7798, 44.3646,
13.4194

■ 69.7845, 62.5299,
102.9992

■ 28.7728, 43.3942,
10.4236

■ 72.8324, 64.1012,
103.1418

■ 27.0756, 42.5624,
8.3939

■ 76.0411, 65.7553,
103.2920

■ 25.6618, 41.8583,
7.2093

■ 78.5828, 67.0656,
103.4109

■ 24.6822, 41.3640,
6.6832

Harmonies

Analogous

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



48.3928, 51.5911, 43.6955



46.1709, 51.5911, 46.0527



44.7508, 51.5911, 51.1641

Triad

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



46.1709, 51.5911, 46.0527



47.2538, 51.5911, 69.7948



53.9159, 51.5911, 54.3447

Complementary

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



46.1709, 51.5911, 46.0527



43.5939, 42.9674, 57.0375

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.



53.5860, 51.5911, 61.5006



46.1709, 51.5911, 46.0527



49.6844, 51.5911, 70.8271

Square

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



46.1709, 51.5911, 46.0527



45.3611, 51.5911, 64.9666



52.0168, 51.5911, 67.6790



52.9037, 51.5911, 48.2127

Rectangle

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



46.1709, 51.5911, 46.0527



44.4216, 51.5911, 55.6463



52.0168, 51.5911, 67.6790



53.9589, 51.5911, 56.7049

Sweetspot

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



46.1723, 51.5933, 46.0538



89.6085, 96.2228, 98.1318



46.2741, 47.7582, 45.3082



19.4904, 21.0105, 21.1576



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.



46.1723, 51.5933, 46.0538



81.9309, 92.6739, 79.2883



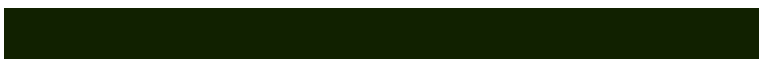
43.6061, 50.2704, 45.9337



10.4345, 11.5114, 10.7338



16.3223, 27.2433, 4.3982



0.7845, 1.2179, 0.1937

Inverse Universe

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



43.5939, 42.9674, 57.0375



76.4187, 74.2324, 102.7704



46.3543, 44.3904, 57.1667



9.9764, 9.9790, 12.6852



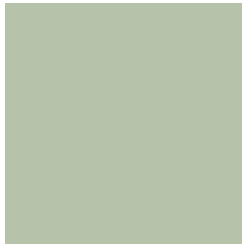
9.4505, 4.1323, 33.8561



0.4879, 0.2196, 1.4665

Previews

White Background



This preview shows how the XYZ color 46.1709, 51.5911, 46.0527 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 46.1709, 51.5911, 46.0527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

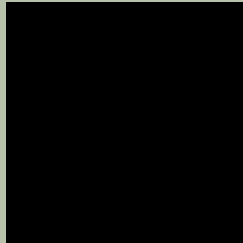
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

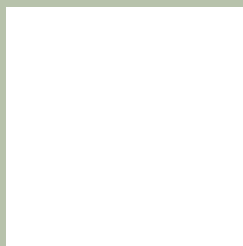
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1709, 51.5911, 46.0527

Background



This preview shows how black text looks on a background with the XYZ color 46.1709, 51.5911, 46.0527.



This preview shows how white text looks on a background with the XYZ color 46.1709, 51.5911,

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

46.1709, 51.5911, 46.0527

Protanopia

48.6477, 51.2655, 44.8673

Deuteranopia

52.5006, 51.3312, 46.6760



Tritanopia

49.8357, 51.4462, 64.4302

Trichromacy



Original Color

46.1709, 51.5911, 46.0527

Protanomaly

47.8788, 51.5013, 45.4475

Deuteranomaly

49.8453, 51.2157, 46.2882

Tritanomaly

48.3949, 51.5065, 57.2602

Monochromacy



Original Color

46.1709, 51.5911, 46.0527

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.1067, 50.6434, 51.5483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1709, 51.5911, 46.0527 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(183, 194, 171)` looks like.

```
.text, #text, p{  
    color:rgb(183, 194, 171)  
}
```

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(183, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 194, 171) }
```

Border

The CSS property to change the border of an element to XYZ 46.1709, 51.5911, 46.0527 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(183, 194, 171) }
```


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

```
.border{ border-color:rgb(183, 194, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 194, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 194, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 194, 171);  
box-shadow:4px 4px 4px 4px rgb(183, 194,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1709, 51.5911, 46.0527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 194, 171) }
```

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

```
.background{ background-color: rgb(183,  
194, 171) }
```

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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