

Converting Colors

XYZ(46.2161, 51.0473, 27.1559)

Have a look what the booklet for
XYZ(46.2161, 51.0473, 27.1559)
contains.

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Color

**XYZ(46.2161, 51.0473,
27.1559)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BF7E
RGB	200, 191, 126
RGB Percent	78%, 75%, 49%
CMY	0.2157, 0.2510, 0.5059
CMYK	0.00, 0.04, 0.37, 0.22
HSL	53°, 40%, 64%
HSV	53°, 37%, 78%
XYZ	46.2161, 51.0473, 27.1559
YIQ	186.2810, 26.2290, -18.3070

Conversions

Conversions Part 2

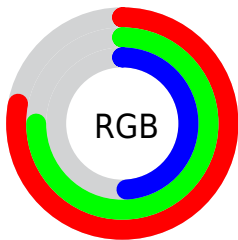
Format	Color
RYB	136, 200, 126
Decimal	13156222
CIELab	76.71, -6.42, 33.95
CIELCh	77, 34.551, 100.716
Yxy	51.0473, 0.3715, 0.4103
Android (android.graphics.Color)	4291346302 (0xFFC8BF7E)
YUV	186.2810, -29.7185, 12.0316
Hunter-Lab	71.4474, -9.5693, 27.4781

Details

The XYZ color **46.2161, 51.0473, 27.1559** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.6933, 25.9329, 58.1896**, and the grayscale version is **46.9820, 49.4287, 53.8278**.

A 20% lighter version of the original color is **82.6374, 91.0362, 55.8641**, and **22.0700, 24.7185, 10.4454** is the 20% darker color. If you saturate the color by 10%, you get **44.5271, 49.5322, 20.8500**, and if you desaturate by 10%, it is **48.1744, 52.6879, 34.8256**.

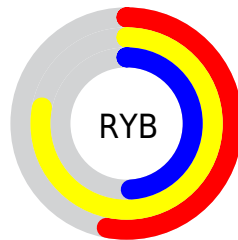
Distribution



Red (78%)

Green (75%)

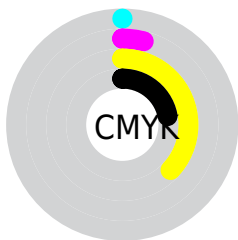
Blue (49%)



Red (53%)

Yellow (78%)

Blue (49%)

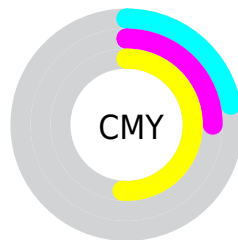


Cyan (0%)

Magenta (4%)

Yellow (37%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2161, 51.0473, 27.1559 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 46.2161, 51.0473, 27.1559 by changing the saturation by 10% instead.

■ 46.2161, 51.0473,
27.1559

■ 46.2161, 51.0473,
27.1559

362.3782,
390.7475, 302.1952

■ 32.6217, 36.2463,
17.4569

■ 83.7682, 91.7247,
56.1407

■ 21.9947, 24.6244,
10.3954

■ 108.4566,
118.3698, 76.2636

■ 13.9696, 15.7975,
5.5529

■ 137.5738,
149.7318, 100.6981

■ 8.1811, 9.3810,
2.5108

171.4851,
186.1949, 129.8629

■ 4.2638, 4.9905,
0.8459

210.5558,
228.1437, 164.1765

■ 1.8524, 2.2417,
0.0000

255.1513,

■ 0.5490, 0.7426,

275.9624, 204.0573

0.0000

305.6370,
330.0356, 249.9241

■ 0.0000, 0.0000,
0.0000

■ 46.2161, 51.0473,
27.1559

■ 46.2161, 51.0473,
27.1559

■ 44.5271, 49.5322,
20.8500

■ 48.1744, 52.6879,
34.8256

■ 43.0883, 48.1294,
15.8234

■ 50.4126, 54.4527,
43.9307

■ 41.8835, 46.8341,
11.9869


■ 52.9449, 56.3494,
54.5415


■ 40.8936, 45.6387,
9.2388


■ 55.7839, 58.3830,
66.7227


■ 40.0959, 44.5339,
7.4600


■ 58.9411, 60.5583,
80.5353


 39.4598, 43.5076,
6.4904

 62.4274, 62.8796,
96.0370

 39.2838, 43.2082,
6.2695

 64.4309, 64.6223,
103.6852

 65.0283, 65.8170,
103.8843

 65.6348, 67.0301,
104.0865

Harmonies

Analogous

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



52.7950, 51.0473, 28.0296



46.2161, 51.0473, 27.1559



40.7635, 51.0473, 32.4940

Triad

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



46.2161, 51.0473, 27.1559



39.5913, 51.0473, 82.5650



61.3942, 51.0473, 68.3551

Complementary

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



46.2161, 51.0473, 27.1559



27.6933, 25.9329, 58.1896

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.



57.2004, 51.0473, 87.6217



46.2161, 51.0473, 27.1559



44.4802, 51.0473, 97.0172

Square

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



46.2161, 51.0473, 27.1559



37.1737, 51.0473, 62.5571



50.8970, 51.0473, 99.0516



61.9653, 51.0473, 49.1453

Rectangle

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



46.2161, 51.0473, 27.1559



38.3488, 51.0473, 39.7500



50.8970, 51.0473, 99.0516



60.3448, 51.0473, 75.1419

Sweetspot

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



46.2174, 51.0496, 27.1570



89.7801, 96.1671, 86.4671



35.7151, 28.9754, 26.9539



19.0874, 20.4870, 17.9656



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.



46.2174, 51.0496, 27.1570



77.7452, 86.3620, 38.4791



41.6246, 51.6841, 27.5215



11.4096, 12.1884, 11.3140



25.0222, 27.5615, 4.0011



1.2166, 1.3686, 0.2000

Inverse Universe

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



27.6933, 25.9329, 58.1896



41.3053, 36.9662, 99.5659



31.0487, 25.8777, 58.0020



10.1588, 10.4917, 13.4072



6.8761, 3.1461, 34.9892



0.3610, 0.2198, 1.6685

Previews

White Background



This preview shows how the XYZ color 46.2161, 51.0473, 27.1559 looks on a white background.

Color Contrast Check

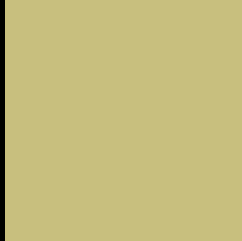
Large Text (above 18pt) WCAG AA × Fail

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 46.2161, 51.0473, 27.1559 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

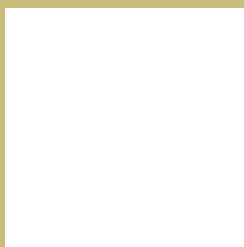
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2161, 51.0473, 27.1559

Background



This preview shows how black text looks on a background with the XYZ color 46.2161, 51.0473, 27.1559.



This preview shows how white text looks on a background with the XYZ color 46.2161, 51.0473,

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

46.2161, 51.0473, 27.1559

Protanopia

47.0761, 50.8550, 26.7369

Deuteranopia

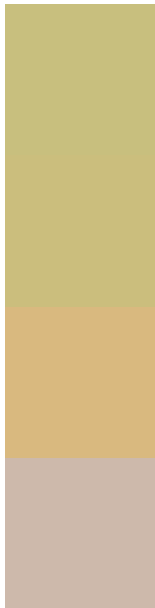
51.7842, 50.7750, 27.4933



Tritanopia

52.7042, 50.8513, 59.2620

Trichromacy



Original Color

46.2161, 51.0473, 27.1559

Protanomaly

46.7437, 51.0041, 26.7832

Deuteranomaly

49.7950, 50.9819, 27.2947

Tritanomaly

49.8765, 50.6173, 45.6694

Monochromacy



Original Color

46.2161, 51.0473, 27.1559

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.1699, 49.7231, 42.2861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2161, 51.0473, 27.1559 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(200, 191, 126)` looks like.

```
.text, #text, p{  
    color:rgb(200, 191, 126)  
}
```

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(200, 191, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 191, 126) }
```

Border

The CSS property to change the border of an element to XYZ 46.2161, 51.0473, 27.1559 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(200, 191, 126) }
```


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

```
.border{ border-color:rgb(200, 191, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 191, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 191, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 191, 126);  
box-shadow:4px 4px 4px 4px rgb(200, 191,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2161, 51.0473, 27.1559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 191, 126) }
```

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

```
.background{ background-color: rgb(200,  
191, 126) }
```

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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