

Converting Colors

XYZ(44.1008, 49.9035, 29.5021)

Have a look what the booklet for
XYZ(44.1008, 49.9035, 29.5021)
contains.

XYZ(44.0996, 49.9022, 29.4981)	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(44.0996, 49.9022,
29.4981)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBF85
RGB	190, 191, 133
RGB Percent	75%, 75%, 52%
CMY	0.2549, 0.2510, 0.4784
CMYK	0.01, 0.00, 0.30, 0.25
HSL	61°, 31%, 64%
HSV	61°, 30%, 75%
XYZ	44.0996, 49.9022, 29.4981
YIQ	184.0890, 18.0220, -18.2500

Conversions

Conversions Part 2

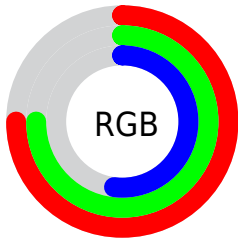
Format	Color
RYB	133, 191, 134
Decimal	12500869
CIELab	76.01, -9.51, 29.22
CIELCh	76, 30.733, 108.026
Yxy	49.9022, 0.3571, 0.4041
Android (android.graphics.Color)	4290690949 (0xFFBEBF85)
YUV	184.0890, -25.1869, 5.1839
Hunter-Lab	70.6415, -12.1898, 24.6910

Details

The XYZ color **44.0996, 49.9022, 29.4981** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.6249, 25.6063, 52.7796**, and the grayscale version is **45.7380, 48.1200, 52.4026**.

A 20% lighter version of the original color is **80.5882, 89.8835, 60.1155**, and **20.8032, 24.0357, 11.7265** is the 20% darker color. If you saturate the color by 10%, you get **42.8162, 49.3810, 23.1650**, and if you desaturate by 10%, it is **45.6257, 50.5240, 37.0971**.

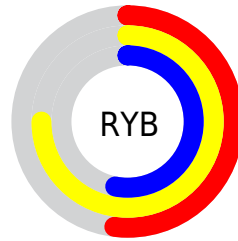
Distribution



Red (75%)

Green (75%)

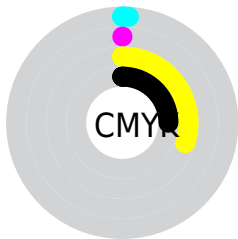
Blue (52%)



Red (52%)

Yellow (75%)

Blue (53%)

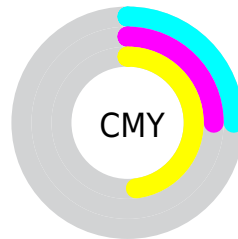


Cyan (1%)

Magenta (0%)

Yellow (30%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.0996, 49.9022, 29.4981 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 44.0996, 49.9022, 29.4981 by changing the saturation by 10% instead.

■ 44.0996, 49.9022,
29.4981

■ 44.0996, 49.9022,
29.4981

353.9599,
386.2834, 313.6921

■ 30.9471, 35.3357,
19.2091

■ 80.6130, 90.0300,
59.9191

■ 20.7102, 23.9216,
11.6432

■ 104.7046,
116.3600, 80.8883

■ 13.0236, 15.2755,
6.3816

■ 133.1733,
147.3800, 106.2546

■ 7.5219, 9.0129,
3.0060

166.3843,
183.4744, 136.4366

■ 3.8398, 4.7496,
1.0977

204.7032,
225.0275, 171.8527

■ 1.6119, 2.1011,
0.0000

248.4952,

■ 0.4001, 0.6653,

272.4238, 212.9217

0.0000

298.1256,
326.0476, 260.0620

■ 0.0000, 0.0000,
0.0000

■ 44.0996, 49.9022,
29.4981

■ 44.0996, 49.9022,
29.4981

■ 42.8162, 49.3810,
23.1650

■ 45.6257, 50.5240,
37.0971

■ 41.7586, 48.9485,
18.0262

■ 47.4029, 51.2444,
46.0223

■ 40.9140, 48.6012,
14.0076


■ 49.4434, 52.0702,
56.3339


■ 40.2665, 48.3327,
11.0256


■ 51.7580, 53.0057,
68.0873

■ 39.7979, 48.1358,
8.9852

■ 54.3565, 54.0547,
81.3352


 39.4869, 48.0019,
7.7736

 57.2485, 55.2212,
96.1273

 39.2960, 47.9165,
7.1777

 58.5004, 55.7316,
102.2817

 58.5845, 55.7750,
102.2857

 58.6688, 55.8184,
102.2896

Harmonies

Analogous

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



49.7552, 49.9022, 28.9276



44.0996, 49.9022, 29.4981



39.6961, 49.9022, 35.8332

Triad

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



44.0996, 49.9022, 29.4981



40.4316, 49.9022, 81.3563



59.0555, 49.9022, 61.1537

Complementary

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



44.0996, 49.9022, 29.4981



27.6249, 25.6063, 52.7796

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.



56.1095, 49.9022, 78.3098



44.0996, 49.9022, 29.4981



45.1794, 49.9022, 91.4516

Square

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



44.0996, 49.9022, 29.4981



37.6989, 49.9022, 64.7046



50.9251, 49.9022, 90.2361



58.7075, 49.9022, 45.1371

Rectangle

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



44.0996, 49.9022, 29.4981



37.9223, 49.9022, 43.3543



50.9251, 49.9022, 90.2361



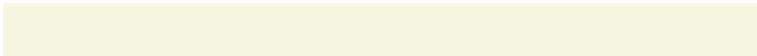
58.4085, 49.9022, 67.0290

Sweetspot

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



44.1009, 49.9044, 29.4992



85.3158, 91.9445, 84.5479



34.2417, 29.8120, 26.1406



18.6233, 20.1451, 18.0052



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.



44.1009, 49.9044, 29.4992



77.5041, 88.7729, 45.5351



37.5710, 46.5382, 29.1936



10.3055, 11.1119, 10.1783



25.8308, 31.4921, 4.7172



1.0171, 1.2363, 0.1850

Inverse Universe

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



27.6249, 25.6063, 52.7796



43.5880, 38.7524, 93.4618



32.8905, 28.3208, 53.0260



9.0314, 9.2330, 11.9784



6.2145, 2.4897, 32.5459



0.2487, 0.1003, 1.2751

Previews

White Background



This preview shows how the XYZ color 44.0996, 49.9022, 29.4981 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 44.0996, 49.9022, 29.4981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

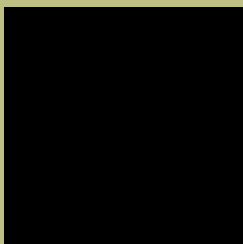
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

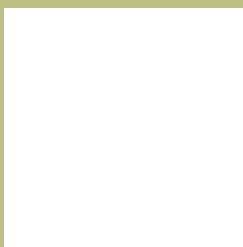
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.0996, 49.9022, 29.4981

Background



This preview shows how black text looks on a background with the XYZ color 44.0996, 49.9022, 29.4981.



This preview shows how white text looks on a background with the XYZ color 44.0996, 49.9022,

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

44.0996, 49.9022, 29.4981

Protanopia

46.2242, 49.7359, 28.6364

Deuteranopia

50.6175, 49.5191, 29.8120



Tritanopia

50.3002, 49.9040, 59.8046

Trichromacy



Original Color

44.0996, 49.9022, 29.4981

Protanomaly

45.4368, 49.6381, 29.0161

Deuteranomaly

47.8149, 49.2898, 29.5480

Tritanomaly

47.7046, 49.7759, 47.1378

Monochromacy



Original Color

44.0996, 49.9022, 29.4981

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.8116, 48.6964, 42.6348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0996, 49.9022, 29.4981 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(190, 191, 133)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 133)  
}
```

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(190, 191, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 133) }
```

Border

The CSS property to change the border of an element to XYZ 44.0996, 49.9022, 29.4981 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(190, 191, 133) }
```


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

```
.border{ border-color:rgb(190, 191, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 133);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0996, 49.9022, 29.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 133) }
```

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

```
.background{ background-color: rgb(190,  
191, 133) }
```

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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