

Converting Colors

XYZ(47.2649, 53.7119, 29.4552)

Have a look what the booklet for
XYZ(47.2649, 53.7119, 29.4552)
contains.

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Color

**XYZ(47.3168, 53.8972,
29.3821)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C683
RGB	197, 198, 131
RGB Percent	77%, 78%, 51%
CMY	0.2275, 0.2235, 0.4863
CMYK	0.01, 0.00, 0.34, 0.22
HSL	61°, 37%, 65%
HSV	61°, 34%, 78%
XYZ	47.3168, 53.8972, 29.3821
YIQ	190.0630, 20.9110, -21.0490

Conversions

Conversions Part 2

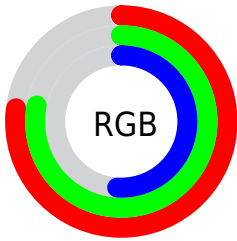
Format	Color
RYB	131, 198, 132
Decimal	12961411
CIELab	78.40, -10.63, 33.52
CIELCh	78, 35.165, 107.595
Yxy	53.8972, 0.3623, 0.4127
Android (android.graphics.Color)	4291151491 (0xFFC5C683)
YUV	190.0630, -29.1181, 6.0837
Hunter-Lab	73.4147, -13.4300, 27.6612

Details

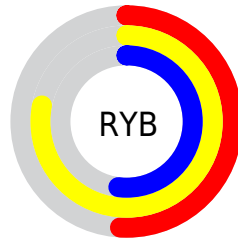
The XYZ color **47.3168, 53.8972, 29.3821** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.8271, 25.2168, 56.8299**, and the grayscale version is **49.1351, 51.6939, 56.2947**.

A 20% lighter version of the original color is **85.3900, 96.0936, 59.9463**, and **22.5766, 26.2765, 11.4714** is the 20% darker color. If you saturate the color by 10%, you get **46.0239, 53.3730, 22.9735**, and if you desaturate by 10%, it is **48.8690, 54.5290, 37.1437**.

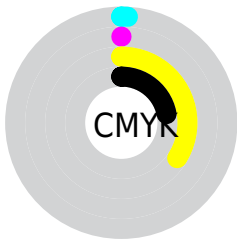
Distribution



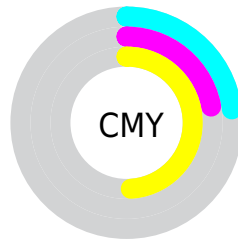
- Red (77%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3168, 53.8972, 29.3821 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 47.3168, 53.8972, 29.3821 by changing the saturation by 10% instead.

■ 47.3168, 53.8972,
29.3821

■ 47.3168, 53.8972,
29.3821

366.7055,
401.7179, 313.1307

■ 33.4952, 38.5195,
19.1220

■ 85.4022, 95.9233,
59.7330

■ 22.6671, 26.3861,
11.5808

■ 110.3966,
123.3405, 80.6609

■ 14.4672, 17.1127,
6.3398

■ 139.8461,
155.5395, 105.9819

■ 8.5302, 10.3149,
2.9807

174.1159,
192.9050, 136.1144

■ 4.4907, 5.6082,
1.0848

213.5713,
235.8211, 171.4770

■ 1.9833, 2.6084,
0.0000

258.5779,

■ 0.6246, 0.9309,

284.6724, 212.4882

0.0000

309.5008,
339.8432, 259.5666

■ 0.0000, 0.0000,
0.0000

■ 47.3168, 53.8972,
29.3821

■ 47.3168, 53.8972,
29.3821

■ 46.0239, 53.3730,
22.9735

■ 48.8690, 54.5290,
37.1437

■ 44.9717, 52.9431,
17.8373

■ 50.6900, 55.2664,
46.3259

■ 44.1453, 52.6036,
13.8896


■ 52.7938, 56.1169,
56.9960


■ 43.5267, 52.3473,
11.0352


■ 55.1919, 57.0852,
69.2159


■ 43.0950, 52.1657,
9.1641


■ 57.8957, 58.1758,
83.0440


 42.8249, 52.0488,
8.1435

 60.9155, 59.3928,
98.5358

 42.7100, 51.9973,
7.7854

 61.8195, 59.7635,
102.8850

 61.8984, 59.8042,
102.8887

 61.9775, 59.8450,
102.8924

Harmonies

Analogous

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



54.1340, 53.8972, 28.8235



47.3168, 53.8972, 29.3821



42.0332, 53.8972, 36.5901

Triad

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



47.3168, 53.8972, 29.3821



42.7831, 53.8972, 91.4901



65.3245, 53.8972, 67.2408

Complementary

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



47.3168, 53.8972, 29.3821



27.8271, 25.2168, 56.8299

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.



61.6737, 53.8972, 88.2540



47.3168, 53.8972, 29.3821



48.4273, 53.8972, 104.2235

Square

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



47.3168, 53.8972, 29.3821



39.5820, 53.8972, 70.9504



55.3483, 53.8972, 102.9214



64.9591, 53.8972, 47.9213

Rectangle

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



47.3168, 53.8972, 29.3821



39.9038, 53.8972, 45.3485



55.3483, 53.8972, 102.9214



64.5136, 53.8972, 74.4089

Sweetspot

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



47.3181, 53.8996, 29.3832



91.0722, 98.3926, 88.6870



35.5035, 29.8784, 25.3694



19.3826, 21.0154, 18.4225



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.



47.3181, 53.8996, 29.3832



81.9667, 94.7003, 43.0034



39.7062, 49.9755, 29.0270



11.5076, 12.4086, 11.3513



27.7807, 33.8168, 5.0631



1.3206, 1.6039, 0.2400

Inverse Universe

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



27.8271, 25.2168, 56.8299



41.9806, 35.8538, 99.3156



33.7242, 28.2568, 57.1059



10.0711, 10.2949, 13.3738



6.6594, 2.6673, 34.9082



0.3206, 0.1290, 1.6531

Previews

White Background



This preview shows how the XYZ color 47.3168, 53.8972, 29.3821 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 47.3168, 53.8972, 29.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

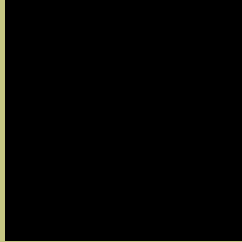
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3168, 53.8972, 29.3821

Background



This preview shows how black text looks on a background with the XYZ color 47.3168, 53.8972, 29.3821.



This preview shows how white text looks on a background with the XYZ color 47.3168, 53.8972,

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

47.3168, 53.8972, 29.3821

Protanopia

49.8326, 53.8702, 28.5404

Deuteranopia

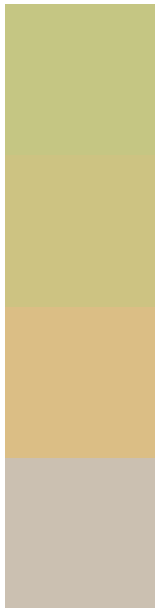
54.6070, 53.4081, 29.9849



Tritanopia

54.5503, 53.8766, 64.6509

Trichromacy



Original Color

47.3168, 53.8972, 29.3821

Protanomaly

48.7212, 53.6211, 28.9011

Deuteranomaly

51.8605, 53.5804, 29.7990

Tritanomaly

51.4141, 53.5701, 49.2252

Monochromacy



Original Color

47.3168, 53.8972, 29.3821

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2237, 52.3420, 45.0975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3168, 53.8972, 29.3821 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(197, 198, 131)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 131)  
}
```

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(197, 198, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 131) }
```

Border

The CSS property to change the border of an element to XYZ 47.3168, 53.8972, 29.3821 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(197, 198, 131) }
```


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

```
.border{ border-color:rgb(197, 198, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 131);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3168, 53.8972, 29.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 131) }
```

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

```
.background{ background-color: rgb(197,  
198, 131) }
```

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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