

Converting Colors

XYZ(43.7717, 52.0539, 30.0037)

Have a look what the booklet for
XYZ(43.7717, 52.0539, 30.0037)
contains.

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Color

**XYZ(43.7191, 52.0267,
29.9282)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C685
RGB	182, 198, 133
RGB Percent	71%, 78%, 52%
CMY	0.2863, 0.2235, 0.4784
CMYK	0.08, 0.00, 0.33, 0.22
HSL	75°, 36%, 65%
HSV	75°, 33%, 78%
XYZ	43.7191, 52.0267, 29.9282
YIQ	185.8060, 11.3290, -23.6070

Conversions

Conversions Part 2

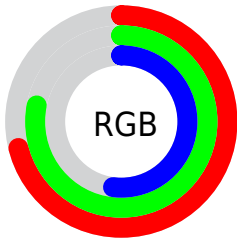
Format	Color
R_{YB}	133, 198, 149
Decimal	11978373
CIE _{Lab}	77.30, -16.18, 30.82
CIE _{LCh}	77, 34.806, 117.695
Yxy	52.0267, 0.3479, 0.4140
Android (android.graphics.Color)	4290168453 (0xFFB6C685)
YUV	185.8060, -26.0334, -3.3379
Hunter-Lab	72.1295, -18.0344, 25.8899

Details

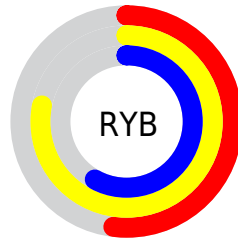
The XYZ color **43.7191, 52.0267, 29.9282** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.9771, 27.2432, 57.0548**, and the grayscale version is **46.7013, 49.1334, 53.5063**.

A 20% lighter version of the original color is **80.3262, 93.4586, 60.8194**, and **20.4367, 25.1602, 11.9629** is the 20% darker color. If you saturate the color by 10%, you get **41.3471, 50.9490, 23.3372**, and if you desaturate by 10%, it is **46.3917, 53.2329, 37.8814**.

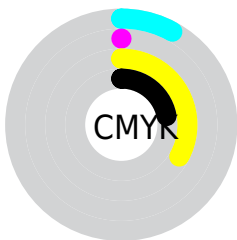
Distribution



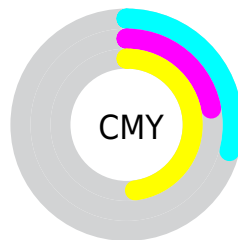
- Red (71%)
- Green (78%)
- Blue (52%)



- Red (52%)
- Yellow (78%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7191, 52.0267, 29.9282 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 43.7191, 52.0267, 29.9282 by changing the saturation by 10% instead.

■ 43.7191, 52.0267,
29.9282

■ 43.7191, 52.0267,
29.9282

352.4324,
394.5397, 315.7665

■ 30.6467, 37.0264,
19.5325

■ 80.0439, 93.1706,
60.6083

■ 20.4805, 25.2279,
11.8750

■ 104.0269,
120.0830, 81.7297

■ 12.8551, 16.2469,
6.5371

■ 132.3776,
151.7348, 107.2635

■ 7.4051, 9.6991,
3.1003

165.4612,
188.5105, 137.6282

■ 3.7653, 5.1999,
1.1461

203.6431,
230.7944, 173.2423

■ 1.5702, 2.3650,
0.0000

247.2887,

■ 0.3729, 0.8078,

278.9710, 214.5244

0.0000

296.7634,
333.4246, 261.8929

■ 0.0000, 0.0000,
0.0000

■ 43.7191, 52.0267,
29.9282

■ 43.7191, 52.0267,
29.9282

■ 41.3471, 50.9490,
23.3372

■ 46.3917, 53.2329,
37.8814

■ 39.2569, 49.9868,
18.0286

■ 49.3748, 54.5661,
47.2640

■ 37.4334, 49.1358,
13.9194


■ 52.6825, 56.0339,
58.1428


■ 35.8583, 48.3887,
10.9155


■ 56.3269, 57.6412,
70.5794


■ 34.5107, 47.7369,
8.9086


■ 60.3195, 59.3925,
84.6319


 33.3654, 47.1706,
7.7689

 64.6710, 61.2923,
100.3555

 32.6358, 46.8038,
7.3139

 66.6015, 62.2286,
103.1088

 68.0645, 62.9828,
103.1773

 69.5706, 63.7592,
103.2477

Harmonies

Analogous

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



49.9680, 52.0267, 27.2768



43.7191, 52.0267, 29.9282



39.3719, 52.0267, 39.1809

Triad

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



43.7191, 52.0267, 29.9282



42.9003, 52.0267, 93.7599



63.4209, 52.0267, 58.1401

Complementary

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



43.7191, 52.0267, 29.9282



30.9771, 27.2432, 57.0548

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.



61.1156, 52.0267, 78.6607



43.7191, 52.0267, 29.9282



48.9352, 52.0267, 101.9077

Square

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



43.7191, 52.0267, 29.9282



38.9299, 52.0267, 75.5152



55.6606, 52.0267, 95.8446



61.7123, 52.0267, 41.2187

Rectangle

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



43.7191, 52.0267, 29.9282



37.9358, 52.0267, 49.1672



55.6606, 52.0267, 95.8446



63.0856, 52.0267, 64.8520

Sweetspot

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



43.7204, 52.0290, 29.9293



88.9405, 97.2937, 88.5872



38.1402, 34.9329, 26.9235



18.8635, 20.7477, 18.3982



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.



43.7204, 52.0290, 29.9293



74.5210, 90.8132, 44.8541



37.0686, 48.5999, 29.6180



11.2590, 12.2804, 11.3397



21.3036, 30.4777, 4.7600



1.0715, 1.4755, 0.2283

Inverse Universe

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



30.9771, 27.2432, 57.0548



48.6939, 40.5538, 99.8690



37.5603, 30.6370, 57.3629



10.2973, 10.4115, 13.3844



7.5110, 3.1063, 34.9481



0.4239, 0.1823, 1.6580

Previews

White Background



This preview shows how the XYZ color 43.7191, 52.0267, 29.9282 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 43.7191, 52.0267, 29.9282 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

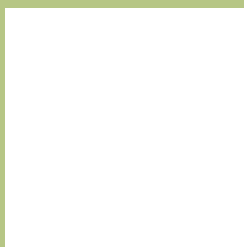
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7191, 52.0267, 29.9282

Background



This preview shows how black text looks on a background with the XYZ color 43.7191, 52.0267, 29.9282.



This preview shows how white text looks on a background with the XYZ color 43.7191, 52.0267,

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

43.7191, 52.0267, 29.9282

Protanopia

48.1137, 51.9951, 28.6193

Deuteranopia

52.7415, 51.8133, 30.5137



Tritanopia

50.5825, 51.8312, 64.4652

Trichromacy



Original Color

43.7191, 52.0267, 29.9282

Protanomaly

46.4145, 52.0926, 29.0813

Deuteranomaly

48.9347, 51.4173, 30.2671

Tritanomaly

47.6246, 51.6050, 49.5702

Monochromacy



Original Color

43.7191, 52.0267, 29.9282

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.3961, 49.9312, 43.8043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7191, 52.0267, 29.9282 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(182, 198, 133)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 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(182, 198, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 133) }
```

Border

The CSS property to change the border of an element to XYZ 43.7191, 52.0267, 29.9282 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(182, 198, 133) }
```


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

```
.border{ border-color:rgb(182, 198, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 198, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 133);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7191, 52.0267, 29.9282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 133) }
```

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

```
.background{ background-color: rgb(182,  
198, 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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