

Converting Colors

XYZ(44.6360, 52.0239, 36.1237)

Have a look what the booklet for
XYZ(44.6360, 52.0239, 36.1237)
contains.

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Color

**XYZ(44.6825, 52.0475,
36.1249)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C595
RGB	182, 197, 149
RGB Percent	71%, 77%, 58%
CMY	0.2863, 0.2274, 0.4157
CMYK	0.08, 0.00, 0.24, 0.23
HSL	79°, 29%, 68%
HSV	79°, 24%, 77%
XYZ	44.6825, 52.0475, 36.1249
YIQ	187.0430, 6.4680, -18.1080

Conversions

Conversions Part 2

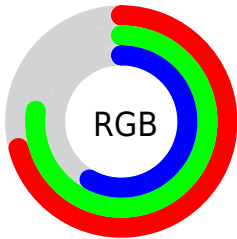
Format	Color
RYB	149, 197, 164
Decimal	11978133
CIELab	77.31, -13.42, 22.42
CIElCh	77, 26.129, 120.894
Yxy	52.0475, 0.3363, 0.3918
Android (android.graphics.Color)	4290168213 (0xFFB6C595)
YUV	187.0430, -18.7552, -4.4227
Hunter-Lab	72.1440, -15.6976, 20.8123

Details

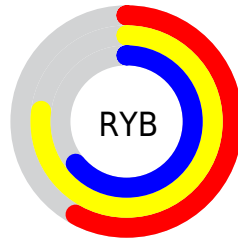
The XYZ color **44.6825, 52.0475, 36.1249** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1373, 33.4200, 57.3722**, and the grayscale version is **47.3594, 49.8258, 54.2603**.

A 20% lighter version of the original color is **81.4812, 93.3726, 70.2281**, and **21.0803, 25.1939, 15.3071** is the 20% darker color. If you saturate the color by 10%, you get **41.8189, 50.7395, 28.4636**, and if you desaturate by 10%, it is **47.8789, 53.4995, 45.1927**.

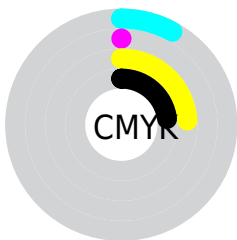
Distribution



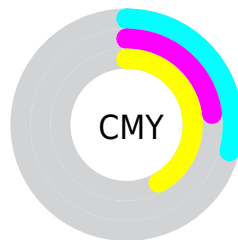
- Red (71%)
- Green (77%)
- Blue (58%)



- Red (58%)
- Yellow (77%)
- Blue (64%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)



- Cyan (29%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6825, 52.0475, 36.1249 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 44.6825, 52.0475, 36.1249 by changing the saturation by 10% instead.

■ 44.6825, 52.0475,
36.1249

■ 44.6825, 52.0475,
36.1249

356.2915,
394.6200, 344.5600

■ 31.4076, 37.0429,
24.2402

■ 81.4838, 93.2013,
70.3960

■ 21.0628, 25.2407,
15.2981

■ 105.7409,
120.1193, 93.6195

■ 13.2826, 16.2565,
8.8799

134.3894,
151.7773, 121.4597

■ 7.7018, 9.7058,
4.5672

167.7948,
188.5596, 154.3352

■ 3.9549, 5.2044,
1.9414

206.3223,
230.8506, 192.6644

■ 1.6767, 2.3677,
0.5189

250.3374,

■ 0.4416, 0.8092,

279.0347, 236.8659

0.0000

300.2053,
333.4964, 287.3583

■ 0.0000, 0.0000,
0.0000

■ 44.6825, 52.0475,
36.1249

■ 44.6825, 52.0475,
36.1249

■ 41.8189, 50.7395,
28.4636

■ 47.8789, 53.4995,
45.1927

■ 39.2697, 49.5628,
22.1350

■ 51.4172, 55.0941,
55.7291

■ 37.0211, 48.5135,
17.0635

■ 55.3113, 56.8385,
67.7968

■ 35.0561, 47.5848,
13.1646

■ 59.5729, 58.7375,
81.4536

■ 33.3559, 46.7689,
10.3437

■ 64.2131, 60.7958,
96.7544

■ 31.8987, 46.0572,
8.4912

■ 67.2146, 62.2064,
103.0722

■ 30.6586, 45.4392,
7.4744

■ 69.1011, 63.1789,
103.1605

■ 30.0281, 45.1211,
7.1266

■ 71.0569, 64.1871,
103.2520

■ 73.0826, 65.2314,
103.3468

Harmonies

Analogous

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



49.3194, 52.0475, 33.3026



44.6825, 52.0475, 36.1249



41.5147, 52.0475, 44.2724

Triad

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



44.6825, 52.0475, 36.1249



44.9263, 52.0475, 84.3819



59.7497, 52.0475, 56.2414

Complementary

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



44.6825, 52.0475, 36.1249



36.1373, 33.4200, 57.3722

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.



58.3807, 52.0475, 71.1917



44.6825, 52.0475, 36.1249



49.6201, 52.0475, 89.0064

Square

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



44.6825, 52.0475, 36.1249



41.6487, 52.0475, 72.0635



54.5869, 52.0475, 83.8217



58.2130, 52.0475, 43.6428

Rectangle

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



44.6825, 52.0475, 36.1249



40.5472, 52.0475, 52.4120



54.5869, 52.0475, 83.8217



59.6133, 52.0475, 61.1544

Sweetspot

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



44.6839, 52.0498, 36.1260



90.2851, 97.8603, 94.3661



41.6209, 40.3785, 34.0347



19.2400, 20.9080, 19.9438



0.0000, 0.0000, 0.0000



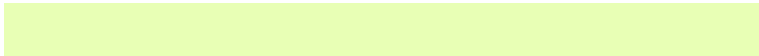
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.6839, 52.0498, 36.1260



77.3473, 91.9950, 57.4231



39.6116, 49.4349, 35.8886



11.1889, 12.2443, 11.3364



19.8390, 29.7227, 4.6914



1.0115, 1.4446, 0.2255

Inverse Universe

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



36.1373, 33.4200, 57.3722



59.5309, 53.1486, 101.7288



41.4188, 36.1427, 57.6194



10.3634, 10.4456, 13.3875



7.9946, 3.3556, 34.9707



0.4540, 0.1978, 1.6594

Previews

White Background



This preview shows how the XYZ color 44.6825, 52.0475, 36.1249 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 44.6825, 52.0475, 36.1249 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

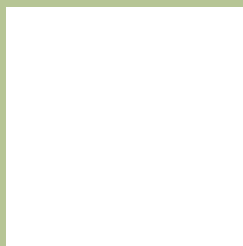
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6825, 52.0475, 36.1249

Background



This preview shows how black text looks on a background with the XYZ color 44.6825, 52.0475, 36.1249.



This preview shows how white text looks on a background with the XYZ color 44.6825, 52.0475,

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

44.6825, 52.0475, 36.1249

Protanopia

48.5036, 51.7396, 34.6245

Deuteranopia

52.7252, 51.6636, 36.8989



Tritanopia

50.6681, 52.1818, 65.1592

Trichromacy



Original Color

44.6825, 52.0475, 36.1249

Protanomaly

47.1014, 51.9823, 35.1548

Deuteranomaly

49.3013, 51.4662, 36.6137

Tritanomaly

48.3204, 52.2075, 53.4292

Monochromacy



Original Color

44.6825, 52.0475, 36.1249

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.1812, 50.5930, 46.8666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6825, 52.0475, 36.1249 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, 197, 149)` looks like.

```
.text, #text, p{  
    color:rgb(182, 197, 149)  
}
```

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, 197, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 149) }
```

Border

The CSS property to change the border of an element to XYZ 44.6825, 52.0475, 36.1249 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, 197, 149) }
```


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

```
.border{ border-color:rgb(182, 197, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 197, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 197, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 197, 149); box-shadow:4px 4px 4px 4px rgb(182, 197, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6825, 52.0475, 36.1249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 197, 149) }
```

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

```
.background{ background-color: rgb(182,  
197, 149) }
```

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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