

Converting Colors

XYZ(41.5502, 29.5761, 23.8099)

Have a look what the booklet for
XYZ(41.5502, 29.5761, 23.8099)
contains.

XYZ(41.6854, 29.6408, 23.9463)	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(41.6854, 29.6408,
23.9463)**

Conversions

Conversions Part 1

Format	Color
Hex	E47080
RGB	228, 112, 128
RGB Percent	89%, 44%, 50%
CMY	0.1059, 0.5608, 0.4980
CMYK	0.00, 0.51, 0.44, 0.11
HSL	352°, 68%, 67%
HSV	352°, 51%, 89%
XYZ	41.6854, 29.6408, 23.9463
YIQ	148.5080, 64.0000, 29.5680

Conversions

Conversions Part 2

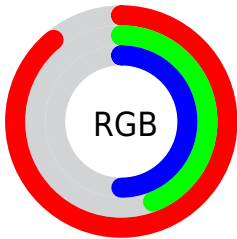
Format	Color
RYB	228, 112, 128
Decimal	14971008
CIELab	61.34, 46.51, 12.63
CIElCh	61, 48.193, 15.190
Yxy	29.6408, 0.4375, 0.3111
Android (android.graphics.Color)	4293161088 (0xFFE47080)
YUV	148.5080, -10.1104, 69.7145
Hunter-Lab	54.4434, 41.3954, 12.0323

Details

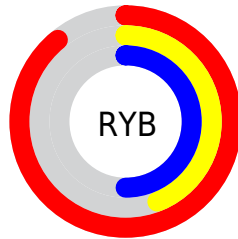
The XYZ color **41.6854, 29.6408, 23.9463** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **46.3107, 63.6858, 72.1429**, and the grayscale version is **28.3837, 29.8619, 32.5196**.

A 20% lighter version of the original color is **63.2167, 51.8686, 50.3958**, and **19.3374, 12.1275, 8.7188** is the 20% darker color. If you saturate the color by 10%, you get **38.3097, 24.7633, 17.0444**, and if you desaturate by 10%, it is **45.9501, 35.8953, 32.3815**.

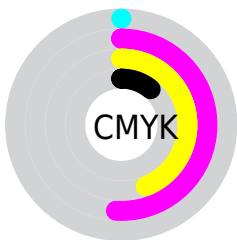
Distribution



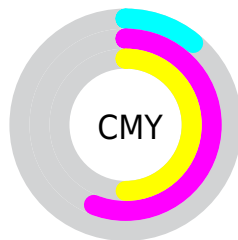
- Red (89%)
- Green (44%)
- Blue (50%)



- Red (89%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (51%)
- Yellow (44%)
- Black (11%)





- Cyan (11%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6854, 29.6408, 23.9463 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 41.6854, 29.6408, 23.9463 by changing the saturation by 10% instead.


 41.6854, 29.6408,
23.9463

 41.6854, 29.6408,
23.9463


344.1910,
300.2265, 285.8267


 29.0451, 19.5661,
15.0820


 76.9914, 59.0937,
50.8853


 19.2594, 12.0800,
8.7297


 100.3878, 79.2406,
69.7970

 11.9630, 6.7982,
4.4709


 128.1003,
103.5138, 92.8950

 6.7905, 3.3362,
1.8871

 160.4942,
132.2975, 120.5976

 3.3766, 1.3097,
0.4845

197.9348,
165.9763, 153.3236

 1.3559, 0.1487,
0.0000

240.7876,

 0.2245, 0.0000,

204.9345, 191.4914

0.0000

289.4179,
249.5564, 235.5196

■ 0.0000, 0.0000,
0.0000

■ 41.6854, 29.6408,
23.9463

■ 41.6854, 29.6408,
23.9463

■ 38.3097, 24.7633,
17.0444

■ 45.9501, 35.8953,
32.3815

■ 35.7571, 21.1542,
11.5813

■ 51.1588, 43.6154,
42.4334

■ 33.9562, 18.6963,
7.4546

■ 57.3648, 52.8875,
54.1813

■ 32.8219, 17.2482,
4.5469

■ 64.6164, 63.7902,
67.6988

■ 32.2481, 16.5952,
2.8304

■ 72.9592, 76.3968,
83.0549

■ 82.4359, 90.7759,
100.3153

■ 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



41.7126, 29.6408, 42.0702



41.6854, 29.6408, 23.9463



37.6906, 29.6408, 13.2702

Triad

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



41.6854, 29.6408, 23.9463



20.3633, 29.6408, 13.3609



25.1635, 29.6408, 79.2992

Complementary

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



41.6854, 29.6408, 23.9463



46.3107, 63.6858, 72.1429

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.



20.4093, 29.6408, 64.0072



41.6854, 29.6408, 23.9463



17.9345, 29.6408, 24.1300

Square

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



41.6854, 29.6408, 23.9463



25.0911, 29.6408, 8.9133



17.9500, 29.6408, 42.3376



31.4968, 29.6408, 79.1901

Rectangle

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



41.6854, 29.6408, 23.9463



33.6169, 29.6408, 9.7919



17.9500, 29.6408, 42.3376



23.3505, 29.6408, 75.5944

Sweetspot

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



41.6862, 29.6423, 23.9468



79.1765, 76.0322, 79.6269



46.5483, 30.9813, 76.9254



16.5245, 15.6389, 16.2555



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.



41.6862, 29.6423, 23.9468



49.1896, 31.6472, 21.5725



46.2465, 40.3171, 20.6757



14.4575, 14.4002, 15.3437



18.6464, 9.5928, 1.7668



1.4038, 0.7192, 0.2668

Inverse Universe

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



41.6862, 29.6423, 23.9468



49.1896, 31.6472, 21.5725



38.5423, 44.7582, 80.0066



14.4575, 14.4002, 15.3437



18.6464, 9.5928, 1.7668



1.4038, 0.7192, 0.2668

Previews

White Background



This preview shows how the XYZ color 41.6854, 29.6408, 23.9463 looks on a white background.

Color Contrast Check

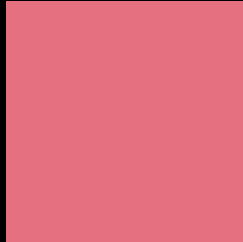
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6854, 29.6408, 23.9463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

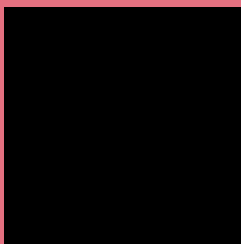
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6854, 29.6408, 23.9463

Background



This preview shows how black text looks on a background with the XYZ color 41.6854, 29.6408, 23.9463.



This preview shows how white text looks on a background with the XYZ color 41.6854, 29.6408,

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

41.6854, 29.6408, 23.9463

Protanopia

28.6189, 29.8657, 31.8600

Deuteranopia

30.4109, 29.8456, 22.8968



Tritanopia

41.0349, 29.5216, 21.6246

Trichromacy



Original Color

41.6854, 29.6408, 23.9463

Protanomaly

31.9880, 28.8051, 28.6849

Deuteranomaly

33.6912, 29.1897, 23.2605

Tritanomaly

41.2218, 29.5964, 22.6088

Monochromacy



Original Color

41.6854, 29.6408, 23.9463

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

31.9720, 28.9964, 29.1111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6854, 29.6408, 23.9463 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(228, 112, 128)` looks like.

```
.text, #text, p{  
    color:rgb(228, 112, 128)  
}
```

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(228, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 112, 128) }
```

Border

The CSS property to change the border of an element to XYZ 41.6854, 29.6408, 23.9463 is called "border". The border property can be set on classes, ids or directly on the HTML element.

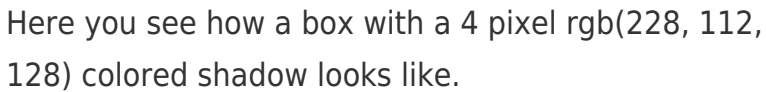
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 112, 128) }
```


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

```
.border{ border-color:rgb(228, 112, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 112, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 112, 128); box-shadow:4px 4px 4px 4px rgb(228, 112, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6854, 29.6408, 23.9463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 112, 128) }
```

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

```
.background{ background-color: rgb(228,  
112, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor