

Converting Colors

XYZ(43.2977, 31.1730, 23.3804)

Have a look what the booklet for
XYZ(43.2977, 31.1730, 23.3804)
contains.

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Color

**XYZ(43.2900, 31.1529,
23.4701)**

Conversions

Conversions Part 1

Format	Color
Hex	E8747E
RGB	232, 116, 126
RGB Percent	91%, 45%, 49%
CMY	0.0902, 0.5451, 0.5059
CMYK	0.00, 0.50, 0.46, 0.09
HSL	355°, 72%, 68%
HSV	355°, 50%, 91%
XYZ	43.2900, 31.1529, 23.4701
YIQ	151.8240, 65.9260, 27.7020

Conversions

Conversions Part 2

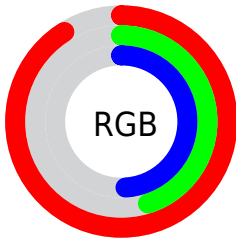
Format	Color
R _Y B	232, 116, 126
Decimal	15234174
CIE Lab	62.64, 45.75, 15.66
CIE LCh	63, 48.354, 18.900
Yxy	31.1529, 0.4421, 0.3182
Android (android.graphics.Color)	4293424254 (0xFFE8747E)
YUV	151.8240, -12.7312, 70.3144
Hunter-Lab	55.8148, 40.7689, 14.1389

Details

The XYZ color **43.2900, 31.1529, 23.4701** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **49.2456, 66.7009, 79.3905**, and the grayscale version is **29.8033, 31.3553, 34.1460**.

A 20% lighter version of the original color is **63.9396, 53.6405, 49.6315**, and **20.1303, 12.8615, 8.4427** is the 20% darker color. If you saturate the color by 10%, you get **39.7156, 25.9664, 16.2295**, and if you desaturate by 10%, it is **47.8236, 37.7939, 32.4612**.

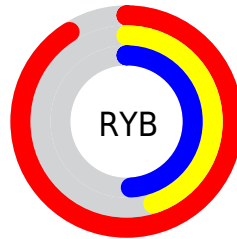
Distribution



Red (91%)

Green (45%)

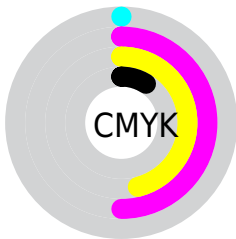
Blue (49%)



Red (91%)

Yellow (45%)

Blue (49%)

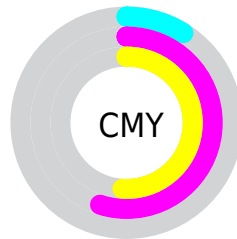


Cyan (0%)

Magenta (50%)

Yellow (46%)

Black (9%)



Cyan (9%)


Magenta (55%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2900, 31.1529, 23.4701 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 43.2900, 31.1529, 23.4701 by changing the saturation by 10% instead.


 43.2900, 31.1529,
23.4701


 43.2900, 31.1529,
23.4701

350.7044,
307.2421, 283.3302


 30.3082, 20.7153,
14.7325


 79.4013, 61.4807,
50.0970

 20.2219, 12.9161,
8.4873


 103.2615, 82.1397,
68.8234

 12.6656, 7.3708,
4.3161


 131.4786,
106.9747, 91.7164

 7.2741, 3.6950,
1.8003

164.4179,
136.3699, 119.1946

 3.6820, 1.5045,
0.4282

202.4448,
170.7099, 151.6766

 1.5238, 0.2919,
0.0000

245.9246,

 0.3420, 0.0000,

210.3790, 189.5808

0.0000

295.2226,
255.7616, 233.3258

■ 0.0000, 0.0000,
0.0000

■ 43.2900, 31.1529,
23.4701

■ 43.2900, 31.1529,
23.4701

■ 39.7156, 25.9664,
16.2295

■ 47.8236, 37.7939,
32.4612

■ 37.0289, 22.1209,
10.6234

■ 53.3763, 45.9822,
43.3051

■ 35.1521, 19.4939,
6.5248


■ 60.0059, 55.8086,
56.0981


■ 33.9929, 17.9383,
3.7867


■ 67.7652, 67.3553,
70.9292

■ 33.4050, 17.2064,
2.2221

■ 76.7036, 80.6994,
87.8824

 33.4048, 17.2063,
2.2218

 86.8013, 95.7809,
107.0143

 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



43.8673, 31.1529, 41.3980



43.2900, 31.1529, 23.4701



38.7461, 31.1529, 13.2630

Triad

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



43.2900, 31.1529, 23.4701



21.0502, 31.1529, 15.2187



27.2366, 31.1529, 83.4521

Complementary

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



43.2900, 31.1529, 23.4701



49.2456, 66.7009, 79.3905

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.



22.0362, 31.1529, 69.2779



43.2900, 31.1529, 23.4701



18.8342, 31.1529, 27.4019

Square

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



43.2900, 31.1529, 23.4701



25.6918, 31.1529, 9.8668



19.1661, 31.1529, 47.0865



33.9073, 31.1529, 81.1450

Rectangle

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



43.2900, 31.1529, 23.4701



34.4102, 31.1529, 10.0774



19.1661, 31.1529, 47.0865



25.2782, 31.1529, 80.2956

Sweetspot

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



43.2908, 31.1545, 23.4707



78.9128, 75.9266, 78.2380



50.4482, 33.5968, 80.1698



16.4620, 15.6138, 15.9260



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.



43.2908, 31.1545, 23.4707



49.0964, 32.0048, 19.8646



49.4231, 44.4001, 22.4903



14.4272, 14.3880, 15.1838



18.5640, 9.5598, 1.3330



1.3893, 0.7134, 0.1907

Inverse Universe

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



43.2908, 31.1545, 23.4707



49.0964, 32.0048, 19.8646



39.2441, 44.4903, 82.8630



14.4272, 14.3880, 15.1838



18.5640, 9.5598, 1.3330



1.3893, 0.7134, 0.1907

Previews

White Background



This preview shows how the XYZ color 43.2900, 31.1529, 23.4701 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 43.2900, 31.1529, 23.4701 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 43.2900, 31.1529, 23.4701

Background



This preview shows how black text looks on a background with the XYZ color 43.2900, 31.1529, 23.4701.



This preview shows how white text looks on a background with the XYZ color 43.2900, 31.1529,

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

43.2900, 31.1529, 23.4701

Protanopia

30.0053, 31.3149, 30.8485

Deuteranopia

31.8615, 31.2854, 22.4486



Tritanopia

43.1622, 31.1018, 22.7971

Trichromacy



Original Color

43.2900, 31.1529, 23.4701

Protanomaly

33.3710, 30.1734, 27.7321

Deuteranomaly

35.2651, 30.6283, 22.7921

Tritanomaly

43.2258, 31.1273, 23.1319

Monochromacy



Original Color

43.2900, 31.1529, 23.4701

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

33.2466, 30.2722, 30.0774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2900, 31.1529, 23.4701 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(232, 116, 126)` looks like.

```
.text, #text, p{  
    color:rgb(232, 116, 126)  
}
```

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(232, 116, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 116, 126) }
```

Border

The CSS property to change the border of an element to XYZ 43.2900, 31.1529, 23.4701 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(232, 116, 126) }
```


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

```
.border{ border-color:rgb(232, 116, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 116, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 116, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 116, 126); box-shadow:4px 4px 4px 4px rgb(232, 116, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2900, 31.1529, 23.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 116, 126) }
```

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

```
.background{ background-color: rgb(232,  
116, 126) }
```

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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