

Converting Colors

XYZ(42.6077, 23.2986, 53.8983)

Have a look what the booklet for
XYZ(42.6077, 23.2986, 53.8983)
contains.

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Color

**XYZ(42.5704, 23.2852,
53.8805)**

Conversions

Conversions Part 1

Format	Color
Hex	E13DC3
RGB	225, 61, 195
RGB Percent	88%, 24%, 76%
CMY	0.1176, 0.7607, 0.2353
CMYK	0.00, 0.73, 0.13, 0.12
HSL	311°, 73%, 56%
HSV	311°, 73%, 88%
XYZ	42.5704, 23.2852, 53.8805
YIQ	125.3120, 54.7300, 76.4420

Conversions

Conversions Part 2

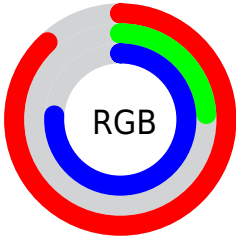
Format	Color
R _Y B	225, 61, 195
Decimal	14761411
CIE Lab	55.36, 74.95, -35.15
CIE LCh	55, 82.780, 334.873
Yxy	23.2852, 0.3555, 0.1945
Android (android.graphics.Color)	4292951491 (0xFFE13DC3)
YUV	125.3120, 34.3562, 87.4264
Hunter-Lab	48.2547, 73.0272, -32.4240

Details

The XYZ color **42.5704, 23.2852, 53.8805** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **30.7393, 55.5988, 19.0113**, and the grayscale version is **19.4746, 20.4888, 22.3123**.

A 20% lighter version of the original color is **65.8936, 42.4542, 96.8170**, and **20.5336, 10.0301, 26.0531** is the 20% darker color. If you saturate the color by 10%, you get **41.1523, 21.1832, 51.1432**, and if you desaturate by 10%, it is **44.5063, 26.4014, 56.8540**.

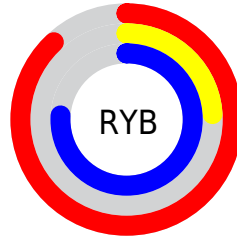
Distribution



Red (88%)

Green (24%)

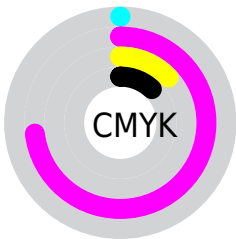
Blue (76%)



Red (88%)

Yellow (24%)

Blue (76%)

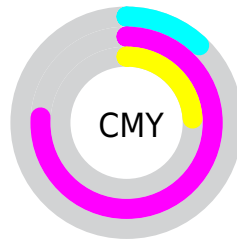


Cyan (0%)

Magenta (73%)

Yellow (13%)

Black (12%)



Cyan (12%)


Magenta (76%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5704, 23.2852, 53.8805 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 42.5704, 23.2852, 53.8805 by changing the saturation by 10% instead.

 42.5704, 23.2852,
53.8805


 42.5704, 23.2852,
53.8805


347.7936,
269.1865, 418.8159

 29.7412, 14.8042,
38.1136


 78.3219, 48.8612,
97.3534


 19.7894, 8.6821,
25.7684


 101.9750, 66.7250,
125.8965

 12.3494, 4.5344,
16.4262


 129.9668, 88.4853,
159.5354

 7.0560, 1.9768,
9.6686

 162.6627,
114.5263, 198.6886

 3.5438, 0.5939,
5.0771

 200.4279,
145.2326, 243.7747

 1.4474, 0.0000,
2.2330

243.6279,

 0.2896, 0.0000,

180.9884, 295.2123

0.6933

292.6280,
222.1783, 353.4198

■ 0.0000, 0.0000,
0.0000

■ 42.5704, 23.2852,
53.8805

■ 42.5704, 23.2852,
53.8805

■ 41.1523, 21.1832,
51.1432

■ 44.5063, 26.4014,
56.8540

■ 40.1818, 19.9565,
48.6178


■ 47.0139, 30.6407,
60.0817


■ 39.6865, 19.4616,
46.9239


■ 50.1426, 36.1015,
63.5808


■ 53.9361, 42.8706,
67.3662

■ 58.4337, 51.0271,
71.4516

 63.6720, 60.6434,
75.8496

 69.6848, 71.7872,
80.5719

 76.5037, 84.5219,
85.6297

 81.3836, 93.3565,
90.1082

Harmonies

Analogous

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



34.0006, 23.2852, 94.7717



42.5704, 23.2852, 53.8805



45.1354, 23.2852, 21.2500

Triad

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



42.5704, 23.2852, 53.8805



20.6484, 23.2852, 0.9072



10.4712, 23.2852, 67.3100

Complementary

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



42.5704, 23.2852, 53.8805



30.7393, 55.5988, 19.0113

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.



8.6758, 23.2852, 29.9542



42.5704, 23.2852, 53.8805



13.4070, 23.2852, 2.2803

Square

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



42.5704, 23.2852, 53.8805



30.6188, 23.2852, 1.5142



9.5762, 23.2852, 9.2413



15.3788, 23.2852, 105.6329

Rectangle

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



42.5704, 23.2852, 53.8805



42.6220, 23.2852, 9.3462



9.5762, 23.2852, 9.2413



9.5572, 23.2852, 53.5427

Sweetspot

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



42.5712, 23.2863, 53.8809



78.0817, 68.6374, 95.3089



19.3169, 10.8662, 72.3140



16.3389, 14.0095, 20.0725



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.



42.5712, 23.2863, 53.8809



53.9787, 27.2323, 66.3079



35.8543, 20.5996, 18.5099



14.1818, 13.8904, 16.7276



22.9090, 11.2306, 27.2505



1.6163, 0.7898, 2.0381

Inverse Universe

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



42.5712, 23.2863, 53.8809



53.9787, 27.2323, 66.3079



36.1381, 57.7583, 47.4414



14.1818, 13.8904, 16.7276



22.9090, 11.2306, 27.2505



1.6163, 0.7898, 2.0381

Previews

White Background



This preview shows how the XYZ color 42.5704, 23.2852, 53.8805 looks on a white background.

Color Contrast Check

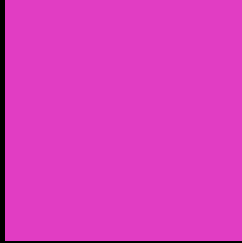
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5704, 23.2852, 53.8805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

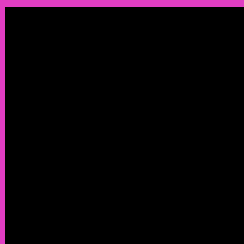
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.5704, 23.2852, 53.8805

Background



This preview shows how black text looks on a background with the XYZ color 42.5704, 23.2852, 53.8805.



This preview shows how white text looks on a background with the XYZ color 42.5704, 23.2852,

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

42.5704, 23.2852, 53.8805

Protanopia

27.6942, 23.8824, 96.0786

Deuteranopia

24.0757, 23.4484, 49.1560



Tritanopia

34.4854, 23.3285, 14.4896

Trichromacy



Original Color

42.5704, 23.2852, 53.8805



Protanomaly

27.6842, 19.9378, 78.7332



Deuteranomaly

28.0496, 21.0501, 50.7288



Tritanomaly

36.4589, 22.6662, 25.0077

Monochromacy



Original Color

42.5704, 23.2852, 53.8805



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

24.9543, 19.2818, 31.2607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5704, 23.2852, 53.8805 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(225, 61, 195)` looks like.

```
.text, #text, p{  
    color:rgb(225, 61, 195)  
}
```

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(225, 61, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 61, 195) }
```

Border

The CSS property to change the border of an element to XYZ 42.5704, 23.2852, 53.8805 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(225, 61, 195) }
```


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

```
.border{ border-color:rgb(225, 61, 195) }
```

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

Here you see how a box with a 4 pixel rgb(225, 61, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 61, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 61, 195);  
box-shadow:4px 4px 4px 4px rgb(225, 61,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5704, 23.2852, 53.8805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 61, 195) }
```

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

```
.background{ background-color: rgb(225, 61,  
195) }
```

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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