

Converting Colors

XYZ(44.5458, 23.0709, 17.8314)

Have a look what the booklet for
XYZ(44.5458, 23.0709, 17.8314)
contains.

XYZ(44.5270, 23.0650, 17.7279)	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(44.5270, 23.0650,
17.7279)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1771
RGB	255, 23, 113
RGB Percent	100%, 9%, 44%
CMY	0.0000, 0.9097, 0.5569
CMYK	0.00, 0.91, 0.56, 0.00
HSL	337°, 100%, 55%
HSV	337°, 91%, 100%
XYZ	44.5270, 23.0650, 17.7279
YIQ	102.6280, 109.3820, 77.1740

Conversions

Conversions Part 2

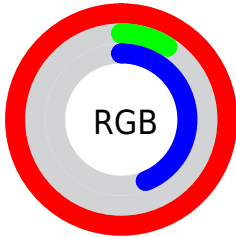
Format	Color
R_{YB}	255, 23, 113
Decimal	16717681
CIE _{Lab}	55.14, 81.69, 13.44
CIE _{LCh}	55, 82.792, 9.345
Yxy	23.0650, 0.5219, 0.2703
Android (android.graphics.Color)	4294907761 (0xFFFF1771)
YUV	102.6280, 5.1134, 133.6302
Hunter-Lab	48.0260, 81.4495, 11.7324

Details

The XYZ color **44.5270, 23.0650, 17.7279** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **42.9088, 74.4202, 47.7173**, and the grayscale version is **12.7657, 13.4305, 14.6259**.

A 20% lighter version of the original color is **52.8912, 33.8410, 38.8662**, and **22.4692, 11.4697, 6.1839** is the 20% darker color. If you saturate the color by 10%, you get **43.4871, 22.1588, 13.7640**, and if you desaturate by 10%, it is **46.2554, 24.9926, 23.0194**.

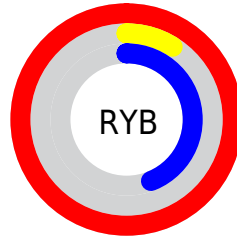
Distribution



Red (100%)

Green (9%)

Blue (44%)



Red (100%)

Yellow (9%)

Blue (44%)

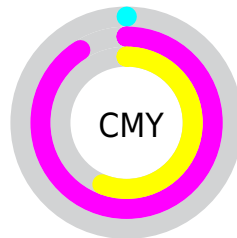


Cyan (0%)

Magenta (91%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (91%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5270, 23.0650, 17.7279 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 44.5270, 23.0650, 17.7279 by changing the saturation by 10% instead.


 44.5270, 23.0650,
17.7279


 44.5270, 23.0650,
17.7279


355.6705,
268.0587, 251.5172


 31.2847, 14.6415,
10.5874


 81.2516, 48.5000,
40.3808


 20.9686, 8.5682,
5.6795


 105.4646, 66.2804,
56.7302


 13.2134, 4.4606,
2.5856


 134.0653, 87.9484,
76.9864

 7.6537, 1.9344,
0.8850

 167.4190,
113.8886, 101.5679

 3.9241, 0.5689,
0.0000

 205.8910,
144.4854, 130.8932

 1.6593, 0.0000,
0.0000

249.8466,

 0.4306, 0.0000,

180.1230, 165.3808

0.0000

299.6514,
221.1860, 205.4493

■ 0.0000, 0.0000,
0.0000

■ 44.5270, 23.0650,
17.7279

■ 44.5270, 23.0650,
17.7279

■ 43.4871, 22.1588,
13.7640

■ 46.2554, 24.9926,
23.0194

■ 48.7419, 28.1826,
29.3448

■ 52.0830, 32.8176,
36.7694

■ 56.3592, 39.0487,
45.3514

■ 61.6414, 47.0079,
55.1441

67.9932, 56.8131,
66.1968

75.4728, 68.5719,
78.5557

84.1338, 82.3837,
92.2647

94.0267, 98.3409,
107.3653

Harmonies

Analogous

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



43.0901, 23.0650, 47.6629



44.5270, 23.0650, 17.7279



38.7221, 23.0650, 4.7014

Triad

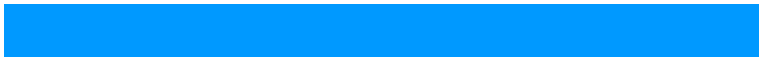
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.5270, 23.0650, 17.7279



12.4817, 23.0650, 2.7427



16.2365, 23.0650, 109.0857

Complementary

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



44.5270, 23.0650, 17.7279



42.9088, 74.4202, 47.7173

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.



10.8579, 23.0650, 73.1222



44.5270, 23.0650, 17.7279



9.1510, 23.0650, 11.1073

Square

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



44.5270, 23.0650, 17.7279



19.1637, 23.0650, 0.9351



8.6544, 23.0650, 34.3101



24.9343, 23.0650, 116.1380

Rectangle

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



44.5270, 23.0650, 17.7279



32.2801, 23.0650, 1.8517



8.6544, 23.0650, 34.3101



14.0579, 23.0650, 99.1840

Sweetspot

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



44.5276, 23.0664, 17.7282



70.8221, 61.2377, 70.9401



33.3009, 15.5380, 95.8513



14.6354, 12.2882, 14.3075



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.



44.5276, 23.0664, 17.7282



43.4873, 22.1589, 13.7640



42.3809, 23.2941, 3.0750



18.3010, 18.1037, 20.2022



22.7907, 11.6056, 7.5482



2.2706, 1.1506, 1.0066

Inverse Universe

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



44.5276, 23.0664, 17.7282



43.4873, 22.1589, 13.7640



47.2053, 65.0050, 104.6666



18.3010, 18.1037, 20.2022



22.7907, 11.6056, 7.5482



2.2706, 1.1506, 1.0066

Previews

White Background



This preview shows how the XYZ color 44.5270, 23.0650, 17.7279 looks on a white background.

Color Contrast Check

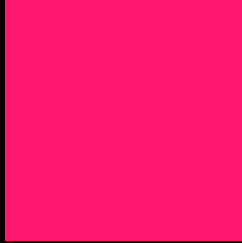
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.5270, 23.0650, 17.7279 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 44.5270, 23.0650, 17.7279

Background



This preview shows how black text looks on a background with the XYZ color 44.5270, 23.0650, 17.7279.



This preview shows how white text looks on a background with the XYZ color 44.5270, 23.0650,

17.7279.

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

44.5270, 23.0650, 17.7279

Protanopia

23.2421, 23.2769, 37.4503

Deuteranopia

23.5052, 23.1066, 15.7915



Tritanopia

41.7767, 23.1055, 5.0542

Trichromacy



Original Color

44.5270, 23.0650, 17.7279



Protanomaly

26.0948, 18.5521, 28.5911



Deuteranomaly

27.6598, 19.2617, 15.8957



Tritanomaly

42.4365, 22.8681, 8.3082

Monochromacy



Original Color

44.5270, 23.0650, 17.7279



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

19.2032, 13.2282, 15.4511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5270, 23.0650, 17.7279 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(255, 23, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 23, 113)  
}
```

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(255, 23, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 23, 113) }
```

Border

The CSS property to change the border of an element to XYZ 44.5270, 23.0650, 17.7279 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(255, 23, 113) }
```


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

```
.border{ border-color:rgb(255, 23, 113) }
```

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

Here you see how a box with a 4 pixel rgb(255, 23, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 23, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 23, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 23,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5270, 23.0650, 17.7279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 23, 113) }
```

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

```
.background{ background-color: rgb(255, 23,  
113) }
```

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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