

Converting Colors

XYZ(41.5771, 23.6508, 14.1781)

Have a look what the booklet for
XYZ(41.5771, 23.6508, 14.1781)
contains.

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Color

**XYZ(41.5771, 23.6508,
14.1781)**

Conversions

Conversions Part 1

Format	Color
Hex	F53D63
RGB	245, 61, 99
RGB Percent	96%, 24%, 39%
CMY	0.0392, 0.7607, 0.6118
CMYK	0.00, 0.75, 0.60, 0.04
HSL	348°, 90%, 60%
HSV	348°, 75%, 96%
XYZ	41.5771, 23.6508, 14.1781
YIQ	120.3480, 97.4660, 50.8260

Conversions

Conversions Part 2

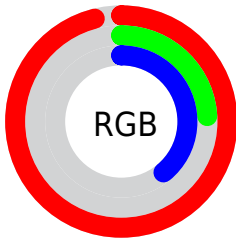
Format	Color
R_{YB}	245, 61, 99
Decimal	16072035
CIE Lab	55.74, 70.35, 22.31
CIE LCh	56, 73.800, 17.598
Yxy	23.6508, 0.5236, 0.2978
Android (android.graphics.Color)	4294262115 (0xFFFF53D63)
YUV	120.3480, -10.5246, 109.3198
Hunter-Lab	48.6321, 67.4991, 16.7572

Details

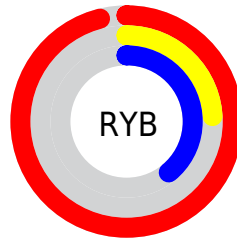
The XYZ color **41.5771, 23.6508, 14.1781** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **45.8416, 70.8027, 70.2897**, and the grayscale version is **17.9766, 18.9128, 20.5960**.

A 20% lighter version of the original color is **53.7478, 37.5958, 32.8577**, and **19.9340, 10.2021, 4.2867** is the 20% darker color. If you saturate the color by 10%, you get **39.7343, 21.2782, 9.5171**, and if you desaturate by 10%, it is **44.2415, 27.3091, 20.2170**.

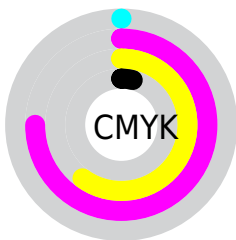
Distribution



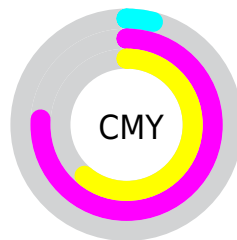
- Red (96%)
- Green (24%)
- Blue (39%)



- Red (96%)
- Yellow (24%)
- Blue (39%)



- Cyan (0%)
- Magenta (75%)
- Yellow (60%)
- Black (4%)



- Cyan (4%)
- Magenta (76%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5771, 23.6508, 14.1781 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 41.5771, 23.6508, 14.1781 by changing the saturation by 10% instead.

41.5771, 23.6508,
14.1781

41.5771, 23.6508,
14.1781

343.7484,
271.0503, 229.8028

28.9600, 15.0748,
8.1045

76.8284, 49.4598,
34.1264

19.1947, 8.8719,
4.0731

100.1932, 67.4615,
48.8381

11.9159, 4.6577,
1.6656

127.8713, 89.3739,
67.2663

6.7582, 2.0479,
0.3370

160.2280,
115.5814, 89.8294

3.3563, 0.6351,
0.0000

197.6288,
146.4684, 116.9461

1.3449, 0.0000,
0.0000

240.4388,

0.2164, 0.0000,

182.4193, 149.0349

0.0000

289.0236,
223.8184, 186.5143

■ 0.0000, 0.0000,
0.0000

■ 41.5771, 23.6508,
14.1781

■ 41.5771, 23.6508,
14.1781

■ 39.7343, 21.2782,
9.5171

■ 44.2415, 27.3091,
20.2170

■ 38.6064, 20.0032,
6.1175


■ 47.8124, 32.3988,
27.7342


■ 38.2445, 19.6478,
4.8608


■ 52.3659, 39.0503,
36.8215


■ 57.9690, 47.3783,
47.5627

■ 64.6831, 57.4865,
60.0357

 72.5646, 69.4703,
74.3131

 81.6659, 83.4184,
90.4635

 91.3909, 98.1223,
108.3365

 91.4661, 98.1524,
108.7323

Harmonies

Analogous

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



42.1487, 23.6508, 36.9752



41.5771, 23.6508, 14.1781



35.1739, 23.6508, 4.5077

Triad

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



41.5771, 23.6508, 14.1781



12.5655, 23.6508, 5.4969



19.1966, 23.6508, 102.1062

Complementary

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



41.5771, 23.6508, 14.1781



45.8416, 70.8027, 70.2897

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.



13.2787, 23.6508, 76.9918



41.5771, 23.6508, 14.1781



10.1389, 23.6508, 17.0658

Square

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



41.5771, 23.6508, 14.1781



17.9558, 23.6508, 2.0652



10.3627, 23.6508, 42.3535



27.7052, 23.6508, 99.4209

Rectangle

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



41.5771, 23.6508, 14.1781



29.1885, 23.6508, 2.3208



10.3627, 23.6508, 42.3535



16.8862, 23.6508, 96.2034

Sweetspot

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



41.5777, 23.6522, 14.1785



72.5007, 65.4747, 68.7879



43.3652, 22.9299, 88.5262



14.8972, 13.0743, 13.5857



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.



41.5777, 23.6522, 14.1785



42.7972, 22.4563, 8.3621



44.4198, 31.5916, 8.1734



16.6391, 16.5385, 17.8459



20.6431, 10.6007, 2.8288



1.8500, 0.9460, 0.4364

Inverse Universe

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



41.5777, 23.6522, 14.1785



42.7972, 22.4563, 8.3621



37.4479, 45.6676, 93.2269



16.6391, 16.5385, 17.8459



20.6431, 10.6007, 2.8288



1.8500, 0.9460, 0.4364

Previews

White Background



This preview shows how the XYZ color 41.5771, 23.6508, 14.1781 looks on a white background.

Color Contrast Check

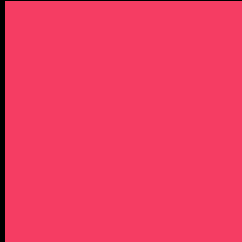
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5771, 23.6508, 14.1781 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 41.5771, 23.6508, 14.1781

Background



This preview shows how black text looks on a background with the XYZ color 41.5771, 23.6508, 14.1781.



This preview shows how white text looks on a background with the XYZ color 41.5771, 23.6508,

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

41.5771, 23.6508, 14.1781

Protanopia

22.8689, 23.7594, 25.2105

Deuteranopia

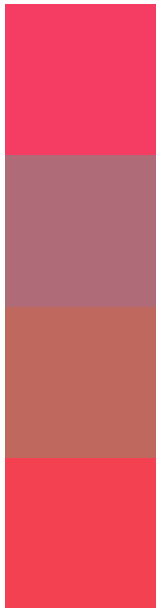
24.0618, 23.6501, 12.9696



Tritanopia

40.4209, 23.6896, 8.2365

Trichromacy



Original Color

41.5771, 23.6508, 14.1781

Protanomaly

26.5524, 21.1016, 20.4428

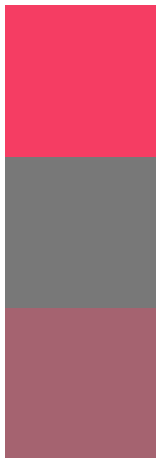
Deuteranomaly

28.4120, 21.7673, 13.0600

Tritanomaly

40.6837, 23.6078, 10.1971

Monochromacy



Original Color

41.5771, 23.6508, 14.1781

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

22.9035, 18.0929, 17.6144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5771, 23.6508, 14.1781 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(245, 61, 99)` looks like.

```
.text, #text, p{  
    color:rgb(245, 61, 99)  
}
```

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(245, 61, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 61, 99) }
```

Border

The CSS property to change the border of an element to XYZ 41.5771, 23.6508, 14.1781 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(245, 61, 99) }
```


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

```
.border{ border-color:rgb(245, 61, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 61, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 61, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 61, 99);  
box-shadow:4px 4px 4px 4px rgb(245, 61,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5771, 23.6508, 14.1781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 61, 99) }
```

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

```
.background{ background-color: rgb(245, 61,  
99) }
```

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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