

Converting Colors

XYZ(41.1449, 23.4213, 13.7688)

Have a look what the booklet for
XYZ(41.1449, 23.4213, 13.7688)
contains.

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Color

**XYZ(41.1346, 23.4337,
13.6644)**

Conversions

Conversions Part 1

Format	Color
Hex	F43D61
RGB	244, 61, 97
RGB Percent	96%, 24%, 38%
CMY	0.0431, 0.7607, 0.6196
CMYK	0.00, 0.75, 0.60, 0.04
HSL	348°, 89%, 60%
HSV	348°, 75%, 96%
XYZ	41.1346, 23.4337, 13.6644
YIQ	119.8210, 97.5120, 49.9920

Conversions

Conversions Part 2

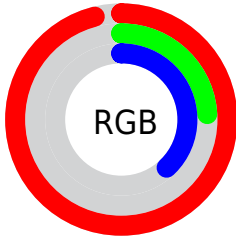
Format	Color
R_{YB}	244, 61, 97
Decimal	16006497
CIE _{Lab}	55.52, 69.94, 23.17
CIE _{LCh}	56, 73.683, 18.329
Yxy	23.4337, 0.5258, 0.2995
Android (android.graphics.Color)	4294196577 (0xFFFF43D61)
YUV	119.8210, -11.2508, 108.9050
Hunter-Lab	48.4084, 66.9642, 17.1499

Details

The XYZ color **41.1346, 23.4337, 13.6644** 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 **45.6626, 70.2482, 70.8356**, and the grayscale version is **17.8103, 18.7379, 20.4055**.

A 20% lighter version of the original color is **53.5894, 37.5325, 32.0238**, and **19.6536, 10.0628, 4.0384** is the 20% darker color. If you saturate the color by 10%, you get **39.3113, 21.0737, 9.0910**, and if you desaturate by 10%, it is **43.7767, 27.0704, 19.6250**.

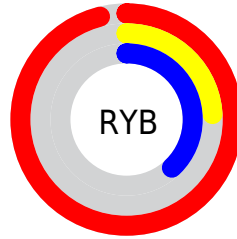
Distribution



Red (96%)

Green (24%)

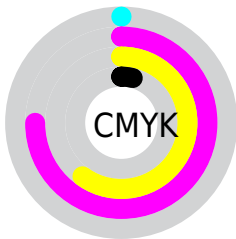
Blue (38%)



Red (96%)

Yellow (24%)

Blue (38%)

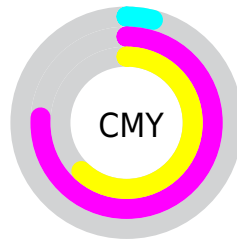


Cyan (0%)

Magenta (75%)

Yellow (60%)

Black (4%)



Cyan (4%)


Magenta (76%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1346, 23.4337, 13.6644 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 41.1346, 23.4337, 13.6644 by changing the saturation by 10% instead.


 41.1346, 23.4337,
13.6644


 41.1346, 23.4337,
13.6644

341.9358,
269.9448, 226.4883


 28.6124, 14.9141,
7.7515


 76.1616, 49.1045,
33.2009


 18.9306, 8.7591,
3.8509


 99.3971, 67.0244,
47.6616


 11.7239, 4.5844,
1.5439


 126.9344, 88.8466,
65.8086

 6.6268, 2.0055,
0.2503

 159.1390,
114.9554, 88.0606

 3.2741, 0.6107,
0.0000

 196.3760,
145.7353, 114.8360

 1.3003, 0.0000,
0.0000

239.0109,

 0.1834, 0.0000,

181.5705, 146.5534

0.0000

287.4091,
222.8456, 183.6313

■ 0.0000, 0.0000,
0.0000

■ 41.1346, 23.4337,
13.6644

■ 41.1346, 23.4337,
13.6644

■ 39.3113, 21.0737,
9.0910

■ 43.7767, 27.0704,
19.6250

■ 38.2006, 19.8046,
5.7853


■ 47.3223, 32.1282,
27.0756


■ 37.8411, 19.4462,
4.5537


■ 51.8469, 38.7362,
36.1101


■ 57.4177, 47.0079,
46.8141

■ 64.0955, 57.0463,
59.2671

 71.9368, 68.9458,
73.5433

 80.9938, 82.7942,
89.7125

 90.9272, 97.8967,
107.7116

 91.1179, 97.9730,
108.7160

Harmonies

Analogous

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



41.8616, 23.4337, 35.9316



41.1346, 23.4337, 13.6644



34.6686, 23.4337, 4.3297

Triad

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



41.1346, 23.4337, 13.6644



12.3459, 23.4337, 5.5863



19.1959, 23.4337, 101.6404

Complementary

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



41.1346, 23.4337, 13.6644



45.6626, 70.2482, 70.8356

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.



13.2525, 23.4337, 77.2043



41.1346, 23.4337, 13.6644



10.0073, 23.4337, 17.3360

Square

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



41.1346, 23.4337, 13.6644



17.6184, 23.4337, 2.0678



10.2917, 23.4337, 42.7728



27.6828, 23.4337, 98.2238

Rectangle

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



41.1346, 23.4337, 13.6644



28.7067, 23.4337, 2.2434



10.2917, 23.4337, 42.7728



16.8805, 23.4337, 96.0003

Sweetspot

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



41.1352, 23.4351, 13.6648



73.2649, 66.7106, 69.9438



43.8432, 23.1941, 87.7534



15.2035, 13.5553, 14.0935



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.



41.1352, 23.4351, 13.6648



42.7240, 22.4271, 7.9768



44.3857, 32.0401, 8.2619



16.6323, 16.5358, 17.8104



20.6140, 10.5890, 2.6756



1.8465, 0.9446, 0.4181

Inverse Universe

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



41.1352, 23.4351, 13.6648



42.7240, 22.4271, 7.9768



36.4743, 43.9640, 92.1508



16.6323, 16.5358, 17.8104



20.6140, 10.5890, 2.6756



1.8465, 0.9446, 0.4181

Previews

White Background



This preview shows how the XYZ color 41.1346, 23.4337, 13.6644 looks on a white background.

Color Contrast Check

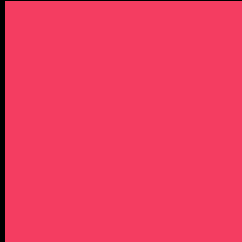
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1346, 23.4337, 13.6644 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 41.1346, 23.4337, 13.6644

Background



This preview shows how black text looks on a background with the XYZ color 41.1346, 23.4337, 13.6644.

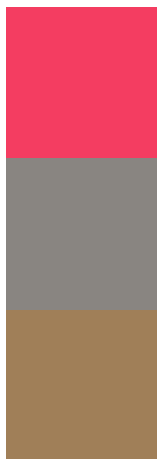


This preview shows how white text looks on a background with the XYZ color 41.1346, 23.4337,

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

41.1346, 23.4337, 13.6644

Protanopia

22.6665, 23.6784, 24.1446

Deuteranopia

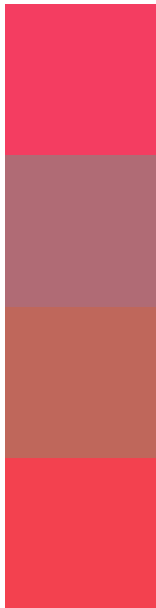
23.8480, 23.3569, 12.4839



Tritanopia

40.0435, 23.4987, 8.0554

Trichromacy



Original Color

41.1346, 23.4337, 13.6644

Protanomaly

26.3731, 21.0299, 19.4988

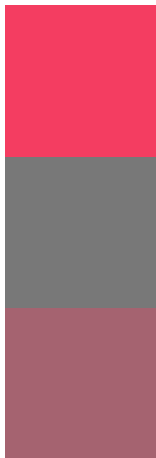
Deuteranomaly

28.2244, 21.5322, 12.5661

Tritanomaly

40.2637, 23.3998, 9.7916

Monochromacy



Original Color

41.1346, 23.4337, 13.6644

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 41.1346, 23.4337, 13.6644 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(244, 61, 97)` looks like.

```
.text, #text, p{  
    color:rgb(244, 61, 97)  
}
```

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(244, 61, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 61, 97) }
```

Border

The CSS property to change the border of an element to XYZ 41.1346, 23.4337, 13.6644 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(244, 61, 97) }
```


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

```
.border{ border-color:rgb(244, 61, 97) }
```

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

Here you see how a box with a 4 pixel rgb(244, 61, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 61, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 61, 97);  
box-shadow:4px 4px 4px 4px rgb(244, 61,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1346, 23.4337, 13.6644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 61, 97) }
```

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

```
.background{ background-color: rgb(244, 61,  
97) }
```

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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