

Converting Colors

XYZ(38.6051, 21.1191, 20.7806)

Have a look what the booklet for
XYZ(38.6051, 21.1191, 20.7806)
contains.

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Color

**XYZ(38.6051, 21.1191,
20.7806)**

Conversions

Conversions Part 1

Format	Color
Hex	EA317B
RGB	234, 49, 123
RGB Percent	92%, 19%, 48%
CMY	0.0824, 0.8078, 0.5176
CMYK	0.00, 0.79, 0.47, 0.08
HSL	336°, 81%, 55%
HSV	336°, 79%, 92%
XYZ	38.6051, 21.1191, 20.7806
YIQ	112.7510, 86.5060, 62.2340

Conversions

Conversions Part 2

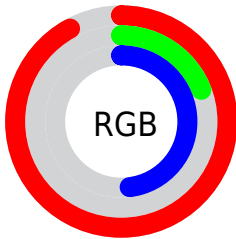
Format	Color
R_{YB}	234, 49, 123
Decimal	15348091
CIE _{Lab}	53.08, 72.53, 3.95
CIE _{LCh}	53, 72.638, 3.120
Yxy	21.1191, 0.4795, 0.2623
Android (android.graphics.Color)	4293538171 (0xFFEA317B)
YUV	112.7510, 5.0528, 106.3354
Hunter-Lab	45.9555, 69.5274, 5.3586

Details

The XYZ color **38.6051, 21.1191, 20.7806** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **37.0364, 62.0373, 43.2866**, and the grayscale version is **15.5919, 16.4039, 17.8638**.

A 20% lighter version of the original color is **54.9952, 36.3898, 44.6828**, and **18.2833, 9.2787, 7.4839** is the 20% darker color. If you saturate the color by 10%, you get **37.0506, 19.3175, 16.2324**, and if you desaturate by 10%, it is **40.7942, 23.9883, 26.1626**.

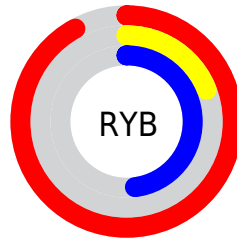
Distribution



Red (92%)

Green (19%)

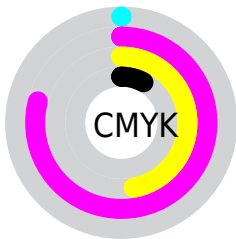
Blue (48%)



Red (92%)

Yellow (19%)

Blue (48%)

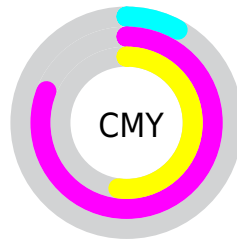


Cyan (0%)

Magenta (79%)

Yellow (47%)

Black (8%)



Cyan (8%)


Magenta (81%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6051, 21.1191, 20.7806 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 38.6051, 21.1191, 20.7806 by changing the saturation by 10% instead.


 38.6051, 21.1191,
20.7806


 38.6051, 21.1191,
20.7806


331.4448,
257.9108, 268.8528


 26.6320, 13.2111,
12.7740


 72.3326, 45.2857,
45.5981


 17.4322, 7.5741,
7.1442


 94.8177, 62.3130,
63.2462


 10.6403, 3.8236,
3.4727


 121.5375, 83.1489,
84.9452

 5.8910, 1.5754,
1.3408

 152.8574,
108.1778, 111.1137

 2.8190, 0.3409,
0.0948

 189.1427,
137.7840, 142.1701

 1.0588, 0.0000,
0.0000

230.7588,

 0.0000, 0.0000,

172.3520, 178.5331

0.0000

278.0710,
212.2661, 220.6212

■ 38.6051, 21.1191,
20.7806

■ 38.6051, 21.1191,
20.7806

■ 37.0506, 19.3175,
16.2324

■ 40.7942, 23.9883,
26.1626

■ 36.0174, 18.3652,
12.4535


■ 43.6902, 28.0614,
32.4270


■ 35.9335, 18.2931,
12.1303


■ 47.3568, 33.4584,
39.6185


■ 51.8496, 40.2832,
47.7778

■ 57.2191, 48.6297,
56.9432

 63.5112, 58.5834,
67.1501

 70.7688, 70.2236,
78.4324

 79.0318, 83.6242,
90.8222

 86.8482, 95.8750,
103.8536

Harmonies

Analogous

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



36.2343, 21.1191, 47.7446



38.6051, 21.1191, 20.7806



35.0619, 21.1191, 6.8165

Triad

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



38.6051, 21.1191, 20.7806



13.0687, 21.1191, 2.6923



14.1367, 21.1191, 84.6373

Complementary

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



38.6051, 21.1191, 20.7806



37.0364, 62.0373, 43.2866

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.



10.1120, 21.1191, 54.4943



38.6051, 21.1191, 20.7806



9.6142, 21.1191, 8.7360

Square

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



38.6051, 21.1191, 20.7806



19.2842, 21.1191, 1.3749



8.6873, 21.1191, 25.3616



20.8832, 21.1191, 95.7815

Rectangle

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



38.6051, 21.1191, 20.7806



30.2433, 21.1191, 3.0893



8.6873, 21.1191, 25.3616



12.4844, 21.1191, 75.7355

Sweetspot

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



38.6057, 21.1203, 20.7809



73.1785, 64.8311, 75.1767



30.4485, 15.6126, 79.2503



15.0936, 12.9781, 15.1587



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.



38.6057, 21.1203, 20.7809



44.1756, 22.6594, 16.6944



36.5241, 21.7899, 5.1882



15.3151, 15.1539, 16.9444



20.2510, 10.3031, 7.1229



1.6365, 0.8276, 0.8034

Inverse Universe

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



38.6057, 21.1203, 20.7809



44.1756, 22.6594, 16.6944



40.5468, 55.4503, 86.4075



15.3151, 15.1539, 16.9444



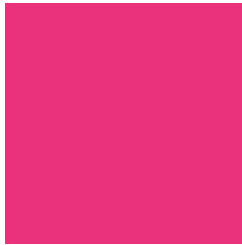
20.2510, 10.3031, 7.1229



1.6365, 0.8276, 0.8034

Previews

White Background



This preview shows how the XYZ color 38.6051, 21.1191, 20.7806 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 38.6051, 21.1191, 20.7806 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 38.6051, 21.1191, 20.7806

Background



This preview shows how black text looks on a background with the XYZ color 38.6051, 21.1191, 20.7806.



This preview shows how white text looks on a background with the XYZ color 38.6051, 21.1191,

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

38.6051, 21.1191, 20.7806

Protanopia

21.6384, 21.4247, 39.5541

Deuteranopia

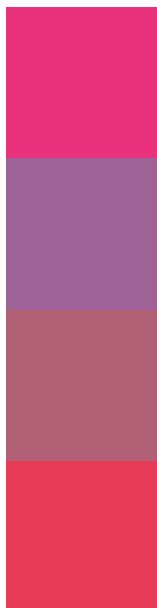
21.6218, 21.3101, 18.8933



Tritanopia

35.8584, 21.1748, 7.5074

Trichromacy



Original Color

38.6051, 21.1191, 20.7806

Protanomaly

24.2517, 18.3407, 31.5401

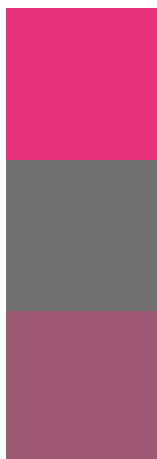
Deuteranomaly

25.5252, 18.9972, 19.1511

Tritanomaly

36.5630, 20.9719, 11.1377

Monochromacy



Original Color

38.6051, 21.1191, 20.7806

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

20.7717, 15.7648, 18.7777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6051, 21.1191, 20.7806 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(234, 49, 123)` looks like.

```
.text, #text, p{  
    color:rgb(234, 49, 123)  
}
```

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(234, 49, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 49, 123) }
```

Border

The CSS property to change the border of an element to XYZ 38.6051, 21.1191, 20.7806 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(234, 49, 123) }
```


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

```
.border{ border-color:rgb(234, 49, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 49, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 49, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 49, 123);  
box-shadow:4px 4px 4px 4px rgb(234, 49,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6051, 21.1191, 20.7806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 49, 123) }
```

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

```
.background{ background-color: rgb(234, 49,  
123) }
```

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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