

Converting Colors

XYZ(36.8438, 21.3885, 13.2528)

Have a look what the booklet for
XYZ(36.8438, 21.3885, 13.2528)
contains.

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Color

**XYZ(36.8438, 21.3885,
13.2528)**

Conversions

Conversions Part 1

Format	Color
Hex	E73F60
RGB	231, 63, 96
RGB Percent	91%, 25%, 38%
CMY	0.0941, 0.7529, 0.6235
CMYK	0.00, 0.73, 0.58, 0.09
HSL	348°, 78%, 58%
HSV	348°, 73%, 91%
XYZ	36.8438, 21.3885, 13.2528
YIQ	116.9940, 89.5350, 45.8790

Conversions

Conversions Part 2

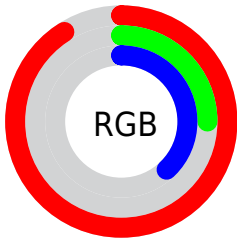
Format	Color
R_{YB}	231, 63, 96
Decimal	15155040
CIE _{Lab}	53.37, 65.55, 20.49
CIE _{LCh}	53, 68.678, 17.359
Yxy	21.3885, 0.5154, 0.2992
Android (android.graphics.Color)	4293345120 (0xFFE73F60)
YUV	116.9940, -10.3500, 99.9833
Hunter-Lab	46.2477, 61.2707, 15.3832

Details

The XYZ color **36.8438, 21.3885, 13.2528** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **40.8208, 62.2864, 63.3040**, and the grayscale version is **16.9198, 17.8010, 19.3852**.

A 20% lighter version of the original color is **53.5113, 37.5012, 31.6122**, and **16.9379, 8.6653, 3.7975** is the 20% darker color. If you saturate the color by 10%, you get **35.0657, 19.0425, 8.9297**, and if you desaturate by 10%, it is **39.3610, 24.8901, 18.8182**.

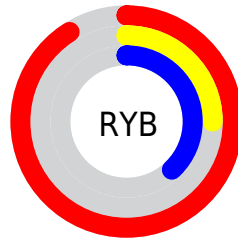
Distribution



Red (91%)

Green (25%)

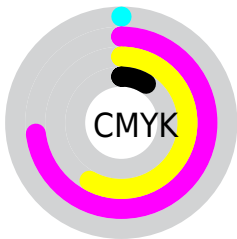
Blue (38%)



Red (91%)

Yellow (25%)

Blue (38%)

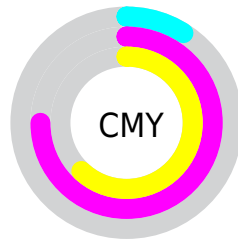


Cyan (0%)

Magenta (73%)

Yellow (58%)

Black (9%)



Cyan (9%)

Magenta (75%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8438, 21.3885, 13.2528 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 36.8438, 21.3885, 13.2528 by changing the saturation by 10% instead.

 36.8438, 21.3885,
13.2528


 36.8438, 21.3885,
13.2528

324.0011,
259.3360, 223.7960


 25.2597, 13.4083,
7.4701


 69.6479, 45.7332,
32.4550

 16.4004, 7.7103,
3.6749


 91.5986, 62.8665,
46.7116


 9.9006, 3.9101,
1.4488


 117.7355, 83.8196,
64.6299

 5.3948, 1.6234,
0.1793

 148.4240,
108.9769, 86.6285

 2.5179, 0.3733,
0.0000

 184.0294,
138.7228, 113.1258

 0.9043, 0.0000,
0.0000

224.9172,

 0.0000, 0.0000,

173.4417, 144.5405

0.0000

271.4526,
213.5179, 181.2910

■ 36.8438, 21.3885,
13.2528

■ 36.8438, 21.3885,
13.2528

■ 35.0657, 19.0425,
8.9297

■ 39.3610, 24.8901,
18.8182

■ 33.9385, 17.6984,
5.7478


■ 42.6886, 29.6684,
25.7133


■ 33.4354, 17.1811,
4.0733


■ 46.8907, 35.8331,
34.0186


■ 52.0247, 43.4809,
43.8076

■ 58.1430, 52.7001,
55.1489

 65.2938, 63.5718,
68.1064

 73.5223, 76.1717,
82.7407

 82.8712, 90.5707,
99.1090

 86.7648, 95.7288,
108.5123

Harmonies

Analogous

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



37.2892, 21.3885, 33.2172



36.8438, 21.3885, 13.2528



31.3708, 21.3885, 4.4880

Triad

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



36.8438, 21.3885, 13.2528



11.6679, 21.3885, 5.3130



17.4151, 21.3885, 88.4606

Complementary

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



36.8438, 21.3885, 13.2528



40.8208, 62.2864, 63.3040

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.



12.2401, 21.3885, 67.0185



36.8438, 21.3885, 13.2528



9.4954, 21.3885, 15.5661

Square

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



36.8438, 21.3885, 13.2528



16.4297, 21.3885, 2.1499



9.6762, 21.3885, 37.4250



24.8013, 21.3885, 86.3961

Rectangle

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



36.8438, 21.3885, 13.2528



26.2123, 21.3885, 2.4187



9.6762, 21.3885, 37.4250



15.3995, 21.3885, 83.4011

Sweetspot

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



36.8443, 21.3897, 13.2531



73.2629, 66.7098, 69.9331



39.3333, 21.2505, 77.6295



15.2031, 13.5552, 14.0910



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.



36.8443, 21.3897, 13.2531



43.1175, 22.8879, 9.1138



39.8031, 29.2495, 8.2523



14.4921, 14.4140, 15.5258



18.7792, 9.6459, 2.4663



1.4201, 0.7258, 0.3528

Inverse Universe

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



36.8443, 21.3897, 13.2531



43.1175, 22.8879, 9.1138



32.9177, 39.7133, 81.5313



14.4921, 14.4140, 15.5258



18.7792, 9.6459, 2.4663



1.4201, 0.7258, 0.3528

Previews

White Background



This preview shows how the XYZ color 36.8438, 21.3885, 13.2528 looks on a white background.

Color Contrast Check

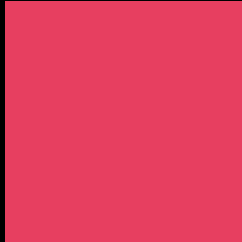
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8438, 21.3885, 13.2528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

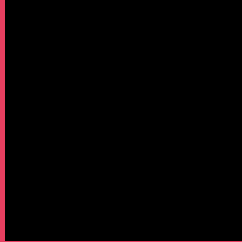
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.8438, 21.3885, 13.2528

Background



This preview shows how black text looks on a background with the XYZ color 36.8438, 21.3885, 13.2528.



This preview shows how white text looks on a background with the XYZ color 36.8438, 21.3885,

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

36.8438, 21.3885, 13.2528

Protanopia

20.7153, 21.5104, 22.7988

Deuteranopia

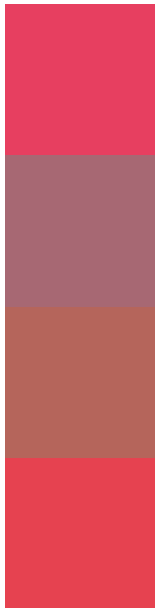
21.8579, 21.3960, 12.2103



Tritanopia

35.8376, 21.4122, 8.2053

Trichromacy



Original Color

36.8438, 21.3885, 13.2528

Protanomaly

23.9812, 19.3539, 18.6914

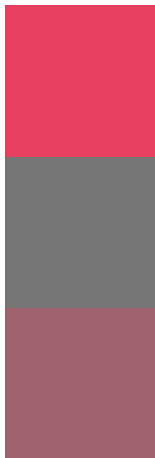
Deuteranomaly

25.5981, 19.8864, 12.3868

Tritanomaly

36.0293, 21.2986, 9.8015

Monochromacy



Original Color

36.8438, 21.3885, 13.2528

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

21.1356, 16.9226, 16.6204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8438, 21.3885, 13.2528 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(231, 63, 96)` looks like.

```
.text, #text, p{  
    color:rgb(231, 63, 96)  
}
```

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(231, 63, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 63, 96) }
```

Border

The CSS property to change the border of an element to XYZ 36.8438, 21.3885, 13.2528 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(231, 63, 96) }
```


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

```
.border{ border-color:rgb(231, 63, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 63, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 63, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 63, 96);  
box-shadow:4px 4px 4px 4px rgb(231, 63,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8438, 21.3885, 13.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 63, 96) }
```

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

```
.background{ background-color: rgb(231, 63,  
96) }
```

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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