

Converting Colors

XYZ(36.6973, 20.5556, 15.9101)

Have a look what the booklet for
XYZ(36.6973, 20.5556, 15.9101)
contains.

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Color

**XYZ(36.6061, 20.5229,
15.9419)**

Conversions

Conversions Part 1

Format	Color
Hex	E6366B
RGB	230, 54, 107
RGB Percent	90%, 21%, 42%
CMY	0.0980, 0.7882, 0.5804
CMYK	0.00, 0.77, 0.53, 0.10
HSL	342°, 78%, 56%
HSV	342°, 77%, 90%
XYZ	36.6061, 20.5229, 15.9419
YIQ	112.6660, 87.8830, 53.7950

Conversions

Conversions Part 2

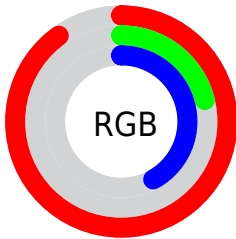
Format	Color
R_{YB}	230, 54, 107
Decimal	15087211
CIE _{Lab}	52.42, 68.85, 12.56
CIE _{LCh}	52, 69.990, 10.337
Yxy	20.5229, 0.5010, 0.2809
Android (android.graphics.Color)	4293277291 (0xFFE6366B)
YUV	112.6660, -2.7933, 102.9019
Hunter-Lab	45.3022, 64.9567, 10.8473

Details

The XYZ color **36.6061, 20.5229, 15.9419** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **37.7558, 60.5528, 51.2997**, and the grayscale version is **15.5887, 16.4006, 17.8602**.

A 20% lighter version of the original color is **53.6569, 36.2194, 36.5108**, and **16.9641, 8.6511, 5.0507** is the 20% darker color. If you saturate the color by 10%, you get **35.0084, 18.5577, 11.6175**, and if you desaturate by 10%, it is **38.8677, 23.5646, 21.2636**.

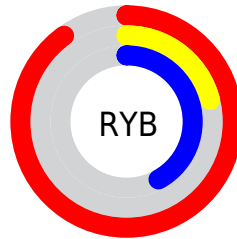
Distribution



Red (90%)

Green (21%)

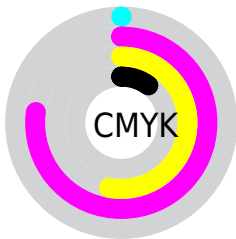
Blue (42%)



Red (90%)

Yellow (21%)

Blue (42%)

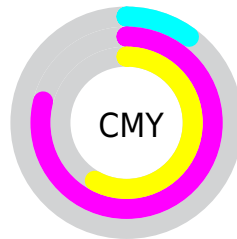


Cyan (0%)

Magenta (77%)

Yellow (53%)

Black (10%)



Cyan (10%)


Magenta (79%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6061, 20.5229, 15.9419 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 36.6061, 20.5229, 15.9419 by changing the saturation by 10% instead.


 36.6061, 20.5229,
15.9419


 36.6061, 20.5229,
15.9419

322.9872,
254.7320, 240.8326


 25.0749, 12.7757,
9.3291


 69.2843, 44.2921,
37.2627


 16.2619, 7.2743,
4.8568


 91.1621, 61.0830,
52.8078


 9.8017, 3.6342,
2.1062


 117.2194, 81.6572,
72.1675

 5.3289, 1.4711,
0.6195

 147.8217,
106.3991, 95.7602

 2.4783, 0.2683,
0.0000

 183.3343,
135.6931, 124.0045

 0.8843, 0.0000,
0.0000

224.1225,

 0.0000, 0.0000,

169.9237, 157.3190

0.0000

270.5517,
209.4752, 196.1222

■ 36.6061, 20.5229,
15.9419

■ 36.6061, 20.5229,
15.9419

■ 35.0084, 18.5577,
11.6175

■ 38.8677, 23.5646,
21.2636

■ 33.9848, 17.5028,
8.2170


■ 41.8627, 27.8084,
27.6450


■ 33.7149, 17.2557,
7.2246


■ 45.6530, 33.3664,
35.1440


■ 50.2933, 40.3367,
43.8135

■ 55.8334, 48.8080,
53.7030

 62.3189, 58.8615,
64.8588

 69.7924, 70.5730,
77.3247

 78.2938, 84.0129,
91.1426

 85.9122, 95.3506,
105.7027

Harmonies

Analogous

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



35.7242, 20.5229, 38.5780



36.6061, 20.5229, 15.9419



32.1223, 20.5229, 5.2226

Triad

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



36.6061, 20.5229, 15.9419



11.8274, 20.5229, 3.6728



15.1968, 20.5229, 84.6207

Complementary

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



36.6061, 20.5229, 15.9419



37.7558, 60.5528, 51.2997

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.



10.7202, 20.5229, 59.2420



36.6061, 20.5229, 15.9419



9.1336, 20.5229, 11.4571

Square

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



36.6061, 20.5229, 15.9419



17.1190, 20.5229, 1.6127



8.7858, 20.5229, 30.2696



22.1060, 20.5229, 88.7521

Rectangle

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



36.6061, 20.5229, 15.9419



27.2179, 20.5229, 2.5409



8.7858, 20.5229, 30.2696



13.4092, 20.5229, 77.7852

Sweetspot

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



36.6066, 20.5241, 15.9422



73.1977, 65.7534, 72.4578



33.1186, 17.3826, 76.4721



15.0625, 13.1404, 14.4560



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.



36.6066, 20.5241, 15.9422



43.3871, 22.5305, 11.9673



36.6492, 23.7894, 6.1520



14.5547, 14.4391, 15.8554



19.1349, 9.7882, 4.3393



1.4540, 0.7393, 0.5314

Inverse Universe

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



36.6066, 20.5241, 15.9422



43.3871, 22.5305, 11.9673



35.9386, 46.7651, 81.9948



14.5547, 14.4391, 15.8554



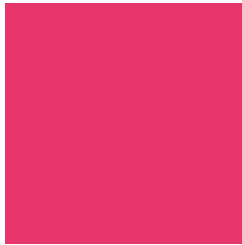
19.1349, 9.7882, 4.3393



1.4540, 0.7393, 0.5314

Previews

White Background



This preview shows how the XYZ color 36.6061, 20.5229, 15.9419 looks on a white background.

Color Contrast Check

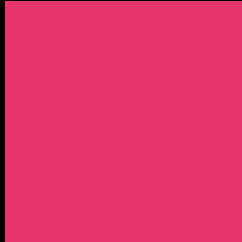
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6061, 20.5229, 15.9419 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 36.6061, 20.5229, 15.9419

Background



This preview shows how black text looks on a background with the XYZ color 36.6061, 20.5229, 15.9419.

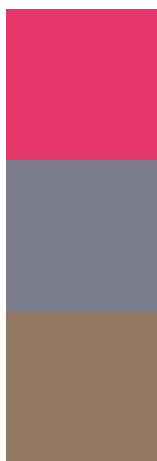


This preview shows how white text looks on a background with the XYZ color 36.6061, 20.5229,

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

36.6061, 20.5229, 15.9419

Protanopia

20.4599, 20.8614, 28.9349

Deuteranopia

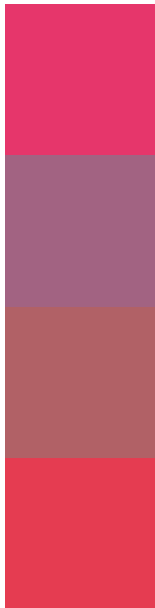
21.1221, 20.7786, 14.7018



Tritanopia

34.8117, 20.5541, 7.2868

Trichromacy



Original Color

36.6061, 20.5229, 15.9419

Protanomaly

23.3914, 18.2168, 23.4024

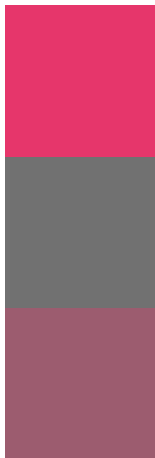
Deuteranomaly

24.8044, 18.8558, 14.9026

Tritanomaly

35.4142, 20.4838, 9.8718

Monochromacy



Original Color

36.6061, 20.5229, 15.9419

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

20.4067, 15.8699, 17.0266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6061, 20.5229, 15.9419 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(230, 54, 107)` looks like.

```
.text, #text, p{  
    color:rgb(230, 54, 107)  
}
```

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(230, 54, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 54, 107) }
```

Border

The CSS property to change the border of an element to XYZ 36.6061, 20.5229, 15.9419 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(230, 54, 107) }
```


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

```
.border{ border-color:rgb(230, 54, 107) }
```

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

Here you see how a box with a 4 pixel rgb(230, 54, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 54, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 54, 107);  
box-shadow:4px 4px 4px 4px rgb(230, 54,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6061, 20.5229, 15.9419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 54, 107) }
```

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

```
.background{ background-color: rgb(230, 54,  
107) }
```

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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