

Converting Colors

XYZ(35.9639, 24.3744, 21.4955)

Have a look what the booklet for
XYZ(35.9639, 24.3744, 21.4955)
contains.

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Color

**XYZ(36.0769, 24.3947,
21.5461)**

Conversions

Conversions Part 1

Format	Color
Hex	D8607B
RGB	216, 96, 123
RGB Percent	85%, 38%, 48%
CMY	0.1529, 0.6235, 0.5176
CMYK	0.00, 0.56, 0.43, 0.15
HSL	347°, 61%, 61%
HSV	347°, 56%, 85%
XYZ	36.0769, 24.3947, 21.5461
YIQ	134.9580, 62.8530, 33.8370

Conversions

Conversions Part 2

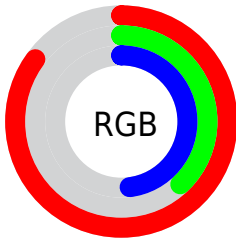
Format	Color
R_{YB}	216, 96, 123
Decimal	14180475
CIE _{Lab}	56.48, 49.60, 8.42
CIE _{LCh}	56, 50.313, 9.634
Yxy	24.3947, 0.4399, 0.2974
Android (android.graphics.Color)	4292370555 (0xFFD8607B)
YUV	134.9580, -5.8953, 71.0738
Hunter-Lab	49.3910, 43.9484, 8.7093

Details

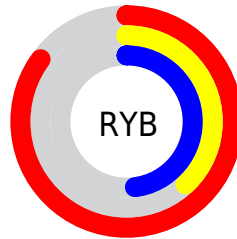
The XYZ color **36.0769, 24.3947, 21.5461** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.5664, 55.2732, 56.7836**, and the grayscale version is **23.0192, 24.2180, 26.3734**.

A 20% lighter version of the original color is **59.8842, 46.1678, 46.3125**, and **15.9676, 9.2620, 7.6028** is the 20% darker color. If you saturate the color by 10%, you get **33.4099, 20.5970, 15.9214**, and if you desaturate by 10%, it is **39.4657, 29.3492, 28.2960**.

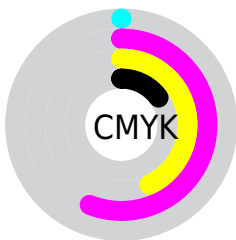
Distribution



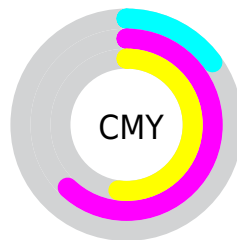
- Red (85%)
- Green (38%)
- Blue (48%)



- Red (85%)
- Yellow (38%)
- Blue (48%)



- Cyan (0%)
- Magenta (56%)
- Yellow (43%)
- Black (15%)





- Cyan (15%)
- Magenta (62%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0769, 24.3947, 21.5461 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 36.0769, 24.3947, 21.5461 by changing the saturation by 10% instead.


 36.0769, 24.3947,
21.5461


 36.0769, 24.3947,
21.5461


320.7219,
274.8099, 273.0424


 24.6640, 15.6267,
13.3286


 68.4738, 50.6735,
46.8872


 15.9543, 9.2604,
7.5219


 90.1886, 68.9531,
64.8479

 9.5824, 4.9114,
3.7072


 116.0679, 91.1720,
86.8934

 5.1831, 2.1954,
1.4661

 146.4773,
117.7146, 113.4423

 2.3910, 0.7175,
0.1925

181.7820,
148.9653, 144.9131

 0.8406, 0.0000,
0.0000

222.3475,

 0.0000, 0.0000,

185.3085, 181.7244

0.0000

268.5390,
227.1286, 224.2946

■ 36.0769, 24.3947,
21.5461

■ 36.0769, 24.3947,
21.5461

■ 33.4099, 20.5970,
15.9214

■ 39.4657, 29.3492,
28.2960

■ 31.4082, 17.8576,
11.3574

■ 43.6231, 35.5408,
36.2279

■ 30.0095, 16.0678,
7.7846

■ 48.5944, 43.0470,
45.3962

■ 29.1378, 15.0933,
5.1238

■ 54.4206, 51.9378,
55.8513

■ 28.8646, 14.8172,
4.1994

■ 61.1397, 62.2784,
67.6410

■ 68.7879, 74.1298,
80.8104

■ 77.3988, 87.5493,
95.4027

■ 82.1288, 93.3389,
108.2953

Harmonies

Analogous

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



35.3537, 24.3947, 39.3640



36.0769, 24.3947, 21.5461



32.9278, 24.3947, 10.9028

Triad

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



36.0769, 24.3947, 21.5461



16.7497, 24.3947, 8.7233



19.5024, 24.3947, 69.4189

Complementary

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



36.0769, 24.3947, 21.5461



38.5664, 55.2732, 56.7836

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.



15.5851, 24.3947, 52.7321



36.0769, 24.3947, 21.5461



14.1903, 24.3947, 16.8881

Square

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



36.0769, 24.3947, 21.5461



21.3617, 24.3947, 5.8258



13.8030, 24.3947, 32.3008



25.1122, 24.3947, 72.4073

Rectangle

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



36.0769, 24.3947, 21.5461



29.3228, 24.3947, 7.3831



13.8030, 24.3947, 32.3008



17.9721, 24.3947, 64.9719

Sweetspot

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



36.0775, 24.3960, 21.5465



77.8009, 73.4141, 78.7576



37.3175, 24.0164, 67.6344



16.2712, 15.1304, 16.1768



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.



36.0775, 24.3960, 21.5465



47.9712, 29.0436, 21.6805



38.1503, 30.8832, 15.0183



12.5365, 12.4661, 13.4996



17.1188, 8.7839, 2.6639



1.0644, 0.5426, 0.3287

Inverse Universe

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



36.0775, 24.3960, 21.5465



47.9712, 29.0436, 21.6805



34.3601, 41.7267, 71.2087



12.5365, 12.4661, 13.4996



17.1188, 8.7839, 2.6639



1.0644, 0.5426, 0.3287

Previews

White Background



This preview shows how the XYZ color 36.0769, 24.3947, 21.5461 looks on a white background.

Color Contrast Check

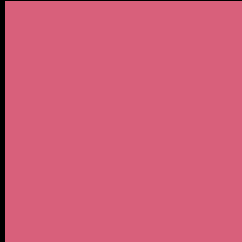
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0769, 24.3947, 21.5461 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 36.0769, 24.3947, 21.5461

Background



This preview shows how black text looks on a background with the XYZ color 36.0769, 24.3947, 21.5461.



This preview shows how white text looks on a background with the XYZ color 36.0769, 24.3947,

21.5461.

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

36.0769, 24.3947, 21.5461

Protanopia

23.9282, 24.6065, 30.2764

Deuteranopia

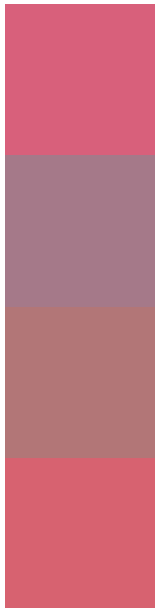
25.0375, 24.5849, 20.2554



Tritanopia

35.0877, 24.4114, 16.4982

Trichromacy



Original Color

36.0769, 24.3947, 21.5461

Protanomaly

26.8698, 23.4802, 26.7829

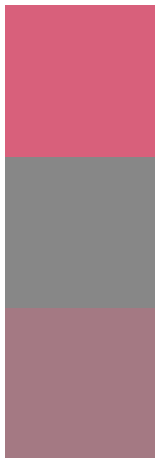
Deuteranomaly

28.1683, 23.7538, 20.5531

Tritanomaly

35.3166, 24.3523, 18.1683

Monochromacy



Original Color

36.0769, 24.3947, 21.5461

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.2439, 23.2060, 24.5687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0769, 24.3947, 21.5461 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(216, 96, 123)` looks like.

```
.text, #text, p{  
    color:rgb(216, 96, 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(216, 96, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 96, 123) }
```

Border

The CSS property to change the border of an element to XYZ 36.0769, 24.3947, 21.5461 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(216, 96, 123) }
```


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

```
.border{ border-color:rgb(216, 96, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 96, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 96, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 96, 123);  
box-shadow:4px 4px 4px 4px rgb(216, 96,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0769, 24.3947, 21.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 96, 123) }
```

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

```
.background{ background-color: rgb(216, 96,  
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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