

Converting Colors

XYZ(36.5065, 20.8247, 23.5683)

Have a look what the booklet for
XYZ(36.5065, 20.8247, 23.5683)
contains.

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Color

**XYZ(36.5059, 20.8235,
23.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	E03D83
RGB	224, 61, 131
RGB Percent	88%, 24%, 51%
CMY	0.1216, 0.7607, 0.4863
CMYK	0.00, 0.73, 0.42, 0.12
HSL	334°, 72%, 56%
HSV	334°, 73%, 88%
XYZ	36.5059, 20.8235, 23.5680
YIQ	117.7170, 74.6780, 56.3260

Conversions

Conversions Part 2

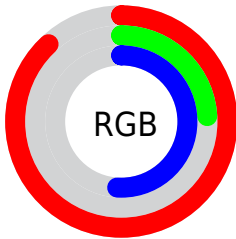
Format	Color
R_{YB}	224, 61, 131
Decimal	14695811
CIE _{Lab}	52.76, 67.09, -1.54
CIE _{LCh}	53, 67.107, 358.686
Yxy	20.8235, 0.4513, 0.2574
Android (android.graphics.Color)	4292885891 (0xFFE03D83)
YUV	117.7170, 6.5485, 93.2102
Hunter-Lab	45.6328, 62.9414, 1.3214

Details

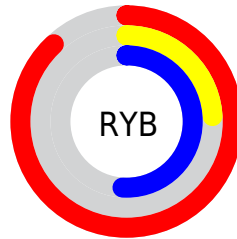
The XYZ color **36.5059, 20.8235, 23.5680** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **34.4144, 56.6370, 39.6947**, and the grayscale version is **17.0968, 17.9872, 19.5880**.

A 20% lighter version of the original color is **56.7291, 38.3954, 49.7685**, and **16.6272, 8.3957, 8.7268** is the 20% darker color. If you saturate the color by 10%, you get **34.7362, 18.5861, 18.9646**, and if you desaturate by 10%, it is **38.8825, 24.1038, 28.9013**.

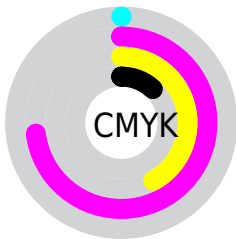
Distribution



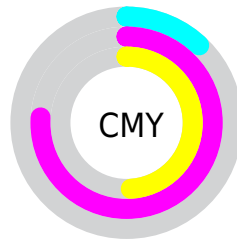
- Red (88%)
- Green (24%)
- Blue (51%)



- Red (88%)
- Yellow (24%)
- Blue (51%)



- Cyan (0%)
- Magenta (73%)
- Yellow (42%)
- Black (12%)





- Cyan (12%)
- Magenta (76%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5059, 20.8235, 23.5680 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 36.5059, 20.8235, 23.5680 by changing the saturation by 10% instead.


 36.5059, 20.8235,
23.5680


 36.5059, 20.8235,
23.5680


322.5592,
256.3390, 283.8450

 24.9971, 12.9950,
14.8042


 69.1310, 44.7936,
50.2593


 16.2036, 7.4251,
8.5370


 90.9779, 61.7040,
69.0239

 9.7601, 3.7294,
4.3478


 117.0017, 82.4106,
91.9592

 5.3012, 1.5234,
1.8180

 147.5675,
107.2977, 119.4837

 2.4616, 0.3051,
0.4398

 183.0408,
136.7497, 152.0160

 0.8759, 0.0000,
0.0000

223.7870,

 0.0000, 0.0000,

171.1509, 189.9746

0.0000

270.1713,
210.8859, 233.7781

■ 36.5059, 20.8235,
23.5680

■ 36.5059, 20.8235,
23.5680

■ 34.7362, 18.5861,
18.9646

■ 38.8825, 24.1038,
28.9013

■ 33.5012, 17.2531,
15.0474


■ 41.9235, 28.5359,
35.0013


■ 32.8603, 16.6952,
12.6023


■ 45.6809, 34.2183,
41.9028


■ 50.2009, 41.2381,
49.6377

■ 55.5258, 49.6746,
58.2358

 61.6945, 59.6007,
67.7255

 68.7433, 71.0844,
78.1335

 76.7063, 84.1893,
89.4853

 83.1397, 94.0230,
100.9800

Harmonies

Analogous

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



33.6438, 20.8235, 49.1511



36.5059, 20.8235, 23.5680



34.0850, 20.8235, 8.7579

Triad

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



36.5059, 20.8235, 23.5680



14.0145, 20.8235, 2.8922



13.5944, 20.8235, 74.0435

Complementary

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



36.5059, 20.8235, 23.5680



34.4144, 56.6370, 39.6947

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.



10.1852, 20.8235, 46.6330



36.5059, 20.8235, 23.5680



10.3845, 20.8235, 7.9713

Square

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



36.5059, 20.8235, 23.5680



20.1021, 20.8235, 1.8542



9.1639, 20.8235, 21.8014



19.4853, 20.8235, 87.0641

Rectangle

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



36.5059, 20.8235, 23.5680



30.0613, 20.8235, 4.3062



9.1639, 20.8235, 21.8014



12.1767, 20.8235, 65.6343

Sweetspot

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



36.5065, 20.8247, 23.5683



74.9584, 67.3880, 78.8614



28.3309, 15.5290, 72.0249



15.5990, 13.7135, 16.1760



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.



36.5065, 20.8247, 23.5683



45.7117, 23.9255, 22.7744



33.8924, 20.8032, 6.6456



13.9503, 13.7978, 15.5086



19.1823, 9.7399, 7.6256



1.3738, 0.6928, 0.7613

Inverse Universe

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



36.5065, 20.8247, 23.5683



45.7117, 23.9255, 22.7744



39.2076, 54.0301, 78.8831



13.9503, 13.7978, 15.5086



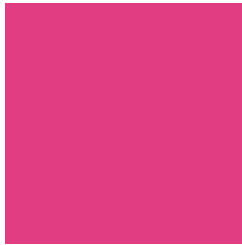
19.1823, 9.7399, 7.6256



1.3738, 0.6928, 0.7613

Previews

White Background



This preview shows how the XYZ color 36.5059, 20.8235, 23.5680 looks on a white background.

Color Contrast Check

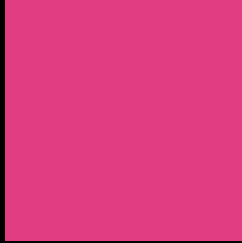
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5059, 20.8235, 23.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

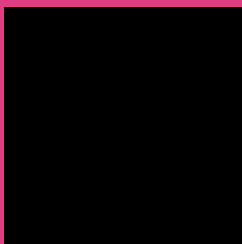
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.5059, 20.8235, 23.5680

Background



This preview shows how black text looks on a background with the XYZ color 36.5059, 20.8235, 23.5680.



This preview shows how white text looks on a background with the XYZ color 36.5059, 20.8235,

23.5680.

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

36.5059, 20.8235, 23.5680

Protanopia

21.4944, 21.1182, 41.4714

Deuteranopia

21.3499, 20.9246, 21.6525



Tritanopia

33.6789, 20.8342, 9.6435

Trichromacy



Original Color

36.5059, 20.8235, 23.5680

Protanomaly

23.8890, 18.6753, 33.7981

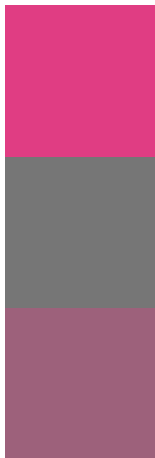
Deuteranomaly

25.1177, 19.2786, 22.1360

Tritanomaly

34.4569, 20.6677, 13.7285

Monochromacy



Original Color

36.5059, 20.8235, 23.5680

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

21.7545, 17.1475, 20.9021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5059, 20.8235, 23.5680 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(224, 61, 131)` looks like.

```
.text, #text, p{  
    color:rgb(224, 61, 131)  
}
```

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(224, 61, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 61, 131) }
```

Border

The CSS property to change the border of an element to XYZ 36.5059, 20.8235, 23.5680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

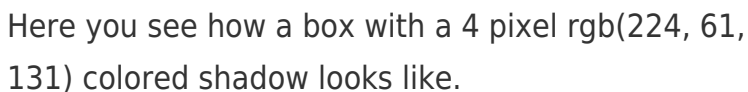
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 61, 131) }
```


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

```
.border{ border-color:rgb(224, 61, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 61, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 61, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 61, 131); box-shadow:4px 4px 4px 4px rgb(224, 61, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5059, 20.8235, 23.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 61, 131) }
```

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

```
.background{ background-color: rgb(224, 61,  
131) }
```

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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