

Converting Colors

XYZ(36.6068, 23.5328, 23.4901)

Have a look what the booklet for
XYZ(36.6068, 23.5328, 23.4901)
contains.

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Color

**XYZ(36.6656, 23.6245,
23.3964)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5881
RGB	219, 88, 129
RGB Percent	86%, 35%, 51%
CMY	0.1412, 0.6549, 0.4941
CMYK	0.00, 0.60, 0.41, 0.14
HSL	341°, 65%, 60%
HSV	341°, 60%, 86%
XYZ	36.6656, 23.6245, 23.3964
YIQ	131.8430, 64.9150, 40.5230

Conversions

Conversions Part 2

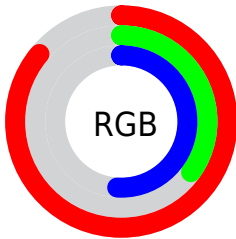
Format	Color
R_{YB}	219, 88, 129
Decimal	14375041
CIE _{Lab}	55.71, 54.89, 3.85
CIE _{LCh}	56, 55.020, 4.008
Yxy	23.6245, 0.4381, 0.2823
Android (android.graphics.Color)	4292565121 (0xFFDB5881)
YUV	131.8430, -1.4016, 76.4367
Hunter-Lab	48.6050, 49.5941, 5.4838

Details

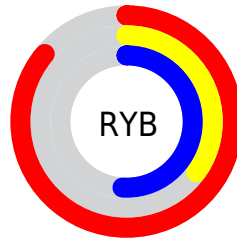
The XYZ color **36.6656, 23.6245, 23.3964** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **37.3933, 55.9527, 50.9522**, and the grayscale version is **21.8651, 23.0037, 25.0511**.

A 20% lighter version of the original color is **59.5060, 44.2823, 49.6670**, and **16.3604, 8.8833, 8.4418** is the 20% darker color. If you saturate the color by 10%, you get **34.2026, 20.1829, 17.9989**, and if you desaturate by 10%, it is **39.8170, 28.2071, 29.7504**.

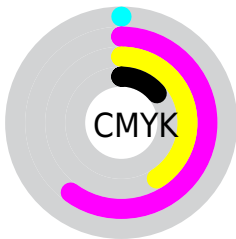
Distribution



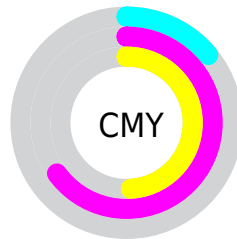
- Red (86%)
- Green (35%)
- Blue (51%)



- Red (86%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (60%)
- Yellow (41%)
- Black (14%)





- Cyan (14%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6656, 23.6245, 23.3964 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 36.6656, 23.6245, 23.3964 by changing the saturation by 10% instead.


 36.6656, 23.6245,
23.3964


 36.6656, 23.6245,
23.3964


323.2412,
270.9165, 282.9421


 25.1212, 15.0553,
14.6784


 69.3754, 49.4167,
49.9748


 16.2966, 8.8582,
8.4499


 91.2714, 67.4086,
68.6724

 9.8264, 4.6488,
4.2923


 117.3487, 89.3101,
91.5335

 5.3454, 2.0427,
1.7870

 147.9726,
115.5057, 118.9768

 2.4881, 0.6321,
0.4194

183.5084,
146.3797, 151.4207

 0.8893, 0.0000,
0.0000

224.3215,

 0.0000, 0.0000,

182.3166, 189.2839

0.0000

270.7774,
223.7008, 232.9849

■ 36.6656, 23.6245,
23.3964

■ 36.6656, 23.6245,
23.3964

■ 34.2026, 20.1829,
17.9989

■ 39.8170, 28.2071,
29.7504

■ 32.3695, 17.7760,
13.5063

■ 43.7047, 34.0169,
37.1060

■ 31.1010, 16.2836,
9.8628

■ 48.3745, 41.1363,
45.5067

■ 30.2862, 15.4963,
6.9949

■ 53.8675, 49.6393,
54.9928

■ 30.2732, 15.4840,
6.9479

■ 60.2222, 59.5943,
65.6025

■ 67.4745, 71.0653,
77.3720

■ 75.6581, 84.1122,
90.3358

■ 82.1305, 93.4429,
103.6355

■ 83.0234, 93.8001,
108.3372

Harmonies

Analogous

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



35.0489, 23.6245, 43.8983



36.6656, 23.6245, 23.3964



33.9331, 23.6245, 10.8997

Triad

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



36.6656, 23.6245, 23.3964



16.3933, 23.6245, 6.4660



17.5988, 23.6245, 70.5840

Complementary

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



36.6656, 23.6245, 23.3964



37.3933, 55.9527, 50.9522

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.



13.9091, 23.6245, 50.1078



36.6656, 23.6245, 23.3964



13.3088, 23.6245, 13.4177

Square

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



36.6656, 23.6245, 23.3964



21.6266, 23.6245, 4.4232



12.4911, 23.6245, 28.1991



23.3031, 23.6245, 77.4376

Rectangle

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



36.6656, 23.6245, 23.3964



30.2638, 23.6245, 6.7413



12.4911, 23.6245, 28.1991



16.1192, 23.6245, 64.7135

Sweetspot

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



36.6662, 23.6258, 23.3968



77.4470, 72.2628, 80.0067



34.5264, 21.5033, 69.3486



16.0506, 14.6473, 16.2323



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.



36.6662, 23.6258, 23.3968



47.4717, 27.3987, 23.5053



36.7719, 27.3582, 12.5767



13.2230, 13.1183, 14.4358



17.9943, 9.1987, 4.3498



1.2040, 0.6112, 0.4831

Inverse Universe

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



36.6662, 23.6258, 23.3968



47.4717, 27.3987, 23.5053



36.3231, 46.2129, 74.0233



13.2230, 13.1183, 14.4358



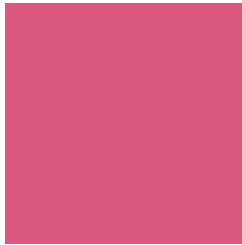
17.9943, 9.1987, 4.3498



1.2040, 0.6112, 0.4831

Previews

White Background



This preview shows how the XYZ color 36.6656, 23.6245, 23.3964 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 36.6656, 23.6245, 23.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

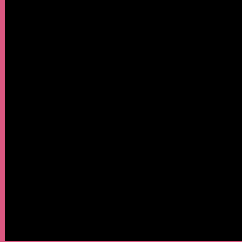
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6656, 23.6245, 23.3964

Background



This preview shows how black text looks on a background with the XYZ color 36.6656, 23.6245, 23.3964.



This preview shows how white text looks on a background with the XYZ color 36.6656, 23.6245,

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

36.6656, 23.6245, 23.3964

Protanopia

23.5098, 23.8874, 34.3820

Deuteranopia

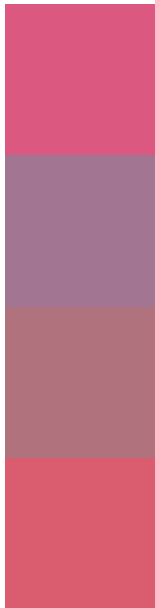
24.1879, 23.7099, 22.0405



Tritanopia

34.9182, 23.6772, 14.7864

Trichromacy



Original Color

36.6656, 23.6245, 23.3964

Protanomaly

26.4499, 22.4793, 30.1390

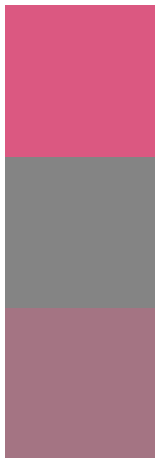
Deuteranomaly

27.6235, 22.7454, 22.3364

Tritanomaly

35.6098, 23.7074, 17.7381

Monochromacy



Original Color

36.6656, 23.6245, 23.3964

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.6520, 22.0220, 24.3714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6656, 23.6245, 23.3964 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(219, 88, 129)` looks like.

```
.text, #text, p{  
    color:rgb(219, 88, 129)  
}
```

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(219, 88, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 88, 129) }
```

Border

The CSS property to change the border of an element to XYZ 36.6656, 23.6245, 23.3964 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(219, 88, 129) }
```


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

```
.border{ border-color:rgb(219, 88, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 88, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 88, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 88, 129);  
box-shadow:4px 4px 4px 4px rgb(219, 88,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6656, 23.6245, 23.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 88, 129) }
```

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

```
.background{ background-color: rgb(219, 88,  
129) }
```

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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