

Converting Colors

XYZ(34.9261, 20.1784, 25.9850)

Have a look what the booklet for
XYZ(34.9261, 20.1784, 25.9850)
contains.

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Color

**XYZ(35.0361, 20.2535,
26.1075)**

Conversions

Conversions Part 1

Format	Color
Hex	D9408A
RGB	217, 64, 138
RGB Percent	85%, 25%, 54%
CMY	0.1490, 0.7490, 0.4588
CMYK	0.00, 0.71, 0.36, 0.15
HSL	331°, 67%, 55%
HSV	331°, 71%, 85%
XYZ	35.0361, 20.2535, 26.1075
YIQ	118.1830, 67.4340, 55.4500

Conversions

Conversions Part 2

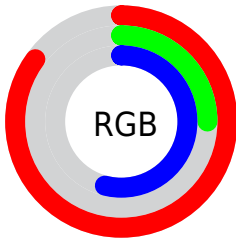
Format	Color
R_{YB}	217, 64, 138
Decimal	14237834
CIE _{Lab}	52.12, 64.87, -6.80
CIE _{LCh}	52, 65.229, 354.018
Yxy	20.2535, 0.4304, 0.2488
Android (android.graphics.Color)	4292427914 (0xFFD9408A)
YUV	118.1830, 9.7698, 86.6625
Hunter-Lab	45.0039, 60.2077, -2.8924

Details

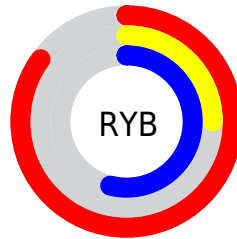
The XYZ color **35.0361, 20.2535, 26.1075** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **31.8864, 52.6994, 34.4817**, and the grayscale version is **17.2340, 18.1315, 19.7452**.

A 20% lighter version of the original color is **57.7269, 39.1875, 53.8116**, and **15.6661, 7.8727, 9.9264** is the 20% darker color. If you saturate the color by 10%, you get **33.2717, 17.9567, 21.7212**, and if you desaturate by 10%, it is **37.3612, 23.5375, 31.0940**.

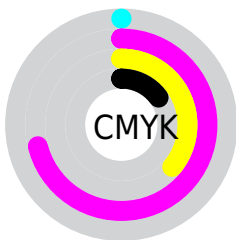
Distribution



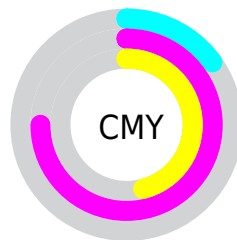
- Red (85%)
- Green (25%)
- Blue (54%)



- Red (85%)
- Yellow (25%)
- Blue (54%)



- Cyan (0%)
- Magenta (71%)
- Yellow (36%)
- Black (15%)





- Cyan (15%)
- Magenta (75%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0361, 20.2535, 26.1075 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 35.0361, 20.2535, 26.1075 by changing the saturation by 10% instead.


 35.0361, 20.2535,
26.1075


 35.0361, 20.2535,
26.1075


316.2329,
253.2842, 296.9316


 23.8573, 12.5794,
16.6776

 66.8753, 43.8418,
54.4345


 15.3520, 7.1396,
9.8454


 88.2665, 60.5248,
74.1687


 9.1547, 3.5496,
5.1923

 113.7926, 80.9796,
98.1748

 4.9001, 1.4249,
2.2998

 143.8188,
105.5906, 126.8712

 2.2229, 0.2350,
0.7311

 178.7106,
134.7422, 160.6766

 0.7548, 0.0000,
0.0000

218.8333,

 0.0000, 0.0000,

168.8187, 200.0094

0.0000

264.5523,
208.2045, 245.2883

■ 35.0361, 20.2535,
26.1075

■ 35.0361, 20.2535,
26.1075

■ 33.2717, 17.9567,
21.7212

■ 37.3612, 23.5375,
31.0940

■ 32.0049, 16.5252,
17.9011

■ 40.2970, 27.9052,
36.7089


■ 31.1624, 15.7705,
14.7521


■ 43.8895, 33.4450,
42.9790


■ 48.1799, 40.2352,
49.9291

■ 53.2056, 48.3474,
57.5823

 59.0012, 57.8477,
65.9604

 65.5993, 68.7977,
75.0842

 73.0302, 81.2554,
84.9734

 79.9327, 92.4947,
95.1836

Harmonies

Analogous

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



31.6096, 20.2535, 51.4490



35.0361, 20.2535, 26.1075



33.5072, 20.2535, 10.2237

Triad

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



35.0361, 20.2535, 26.1075



14.4865, 20.2535, 2.6380



12.6539, 20.2535, 67.1466

Complementary

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



35.0361, 20.2535, 26.1075



31.8864, 52.6994, 34.4817

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.



9.7490, 20.2535, 40.6425



35.0361, 20.2535, 26.1075



10.6234, 20.2535, 6.7434

Square

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



35.0361, 20.2535, 26.1075



20.6185, 20.2535, 1.9784



9.1025, 20.2535, 18.4410



17.9441, 20.2535, 82.4931

Rectangle

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



35.0361, 20.2535, 26.1075



30.0282, 20.2535, 5.1068



9.1025, 20.2535, 18.4410



11.4200, 20.2535, 58.7039

Sweetspot

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



35.0367, 20.2546, 26.1078



76.1450, 68.8087, 82.1936



25.2588, 14.2971, 67.0739



15.8473, 13.9966, 16.9171



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.



35.0367, 20.2546, 26.1078



46.9049, 24.6478, 28.3025



31.3749, 18.7899, 6.8251



13.3171, 13.1559, 14.9310



18.9170, 9.5678, 9.2088



1.2690, 0.6372, 0.8253

Inverse Universe

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



35.0367, 20.2546, 26.1078



46.9049, 24.6478, 28.3025



39.4522, 55.7257, 74.3224



13.3171, 13.1559, 14.9310



18.9170, 9.5678, 9.2088



1.2690, 0.6372, 0.8253

Previews

White Background



This preview shows how the XYZ color 35.0361, 20.2535, 26.1075 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 35.0361, 20.2535, 26.1075 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 35.0361, 20.2535, 26.1075

Background



This preview shows how black text looks on a background with the XYZ color 35.0361, 20.2535, 26.1075.



This preview shows how white text looks on a background with the XYZ color 35.0361, 20.2535,

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

35.0361, 20.2535, 26.1075

Protanopia

21.2031, 20.5284, 44.4398

Deuteranopia

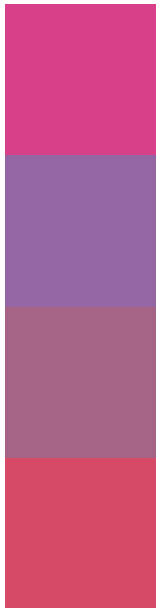
20.8583, 20.4373, 23.9645



Tritanopia

31.7263, 20.2194, 10.4142

Trichromacy



Original Color

35.0361, 20.2535, 26.1075

Protanomaly

23.5750, 18.4430, 36.9676

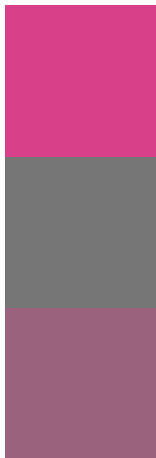
Deuteranomaly

24.3079, 18.8071, 24.5393

Tritanomaly

32.5623, 20.0405, 14.9839

Monochromacy



Original Color

35.0361, 20.2535, 26.1075

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

21.3958, 17.0861, 21.5723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0361, 20.2535, 26.1075 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(217, 64, 138)` looks like.

```
.text, #text, p{  
    color:rgb(217, 64, 138)  
}
```

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(217, 64, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 64, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.0361, 20.2535, 26.1075 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(217, 64, 138) }
```


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

```
.border{ border-color:rgb(217, 64, 138) }
```

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

Here you see how a box with a 4 pixel rgb(217, 64, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 64, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 64, 138);  
box-shadow:4px 4px 4px 4px rgb(217, 64,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0361, 20.2535, 26.1075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 64, 138) }
```

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

```
.background{ background-color: rgb(217, 64,  
138) }
```

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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