

Converting Colors

XYZ(25.2729, 13.1866, 15.7192)

Have a look what the booklet for
XYZ(25.2729, 13.1866, 15.7192)
contains.

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Color

**XYZ(25.3351, 13.2267,
15.6857)**

Conversions

Conversions Part 1

Format	Color
Hex	C2186D
RGB	194, 24, 109
RGB Percent	76%, 9%, 43%
CMY	0.2392, 0.9058, 0.5725
CMYK	0.00, 0.88, 0.44, 0.24
HSL	330°, 78%, 43%
HSV	330°, 88%, 76%
XYZ	25.3351, 13.2267, 15.6857
YIQ	84.5200, 74.0350, 62.4750

Conversions

Conversions Part 2

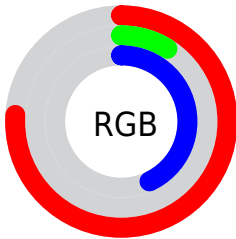
Format	Color
RYB	194, 24, 109
Decimal	12720237
CIELab	43.10, 67.03, -2.94
CIElCh	43, 67.095, 357.486
Yxy	13.2267, 0.4670, 0.2438
Android (android.graphics.Color)	4290910317 (0xFFC2186D)
YUV	84.5200, 12.0686, 96.0140
Hunter-Lab	36.3685, 60.7020, -0.1137

Details

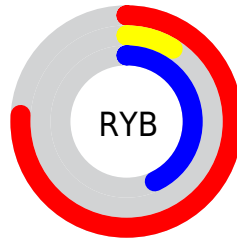
The XYZ color **25.3351, 13.2267, 15.6857** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22.4301, 39.8825, 20.9888**, and the grayscale version is **8.5013, 8.9440, 9.7400**.

A 20% lighter version of the original color is **51.4995, 31.6268, 36.6480**, and **10.7010, 5.4161, 5.0388** is the 20% darker color. If you saturate the color by 10%, you get **24.5647, 12.4762, 12.9930**, and if you desaturate by 10%, it is **26.4391, 14.5524, 18.7742**.

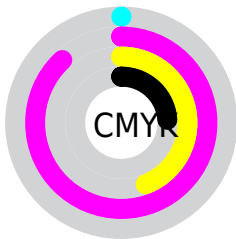
Distribution



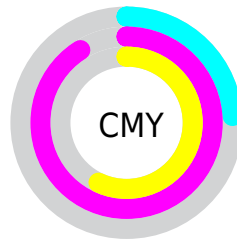
- Red (76%)
- Green (9%)
- Blue (43%)



- Red (76%)
- Yellow (9%)
- Blue (43%)



- Cyan (0%)
- Magenta (88%)
- Yellow (44%)
- Black (24%)





- Cyan (24%)
- Magenta (91%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3351, 13.2267, 15.6857 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 25.3351, 13.2267, 15.6857 by changing the saturation by 10% instead.


 25.3351, 13.2267,
15.6857


 25.3351, 13.2267,
15.6857


271.8196,
212.3655, 239.2619


 16.4570, 7.5848,
9.1501

 51.6393, 31.7105,
36.8109

 9.9410, 3.8305,
4.7411


 69.7961, 45.3212,
52.2375


 5.4218, 1.5792,
2.0401

 91.7765, 62.3569,
71.4649

 2.5341, 0.3435,
0.5798

 117.9458, 83.2021,
94.9115

 0.9125, 0.0000,
0.0000

 148.6694,
108.2412, 122.9960

 0.0000, 0.0000,
0.0000

 184.3127,

137.8585, 156.1369

225.2410,
172.4385, 194.7527

■ 25.3351, 13.2267,
15.6857

■ 25.3351, 13.2267,
15.6857

■ 24.5647, 12.4762,
12.9930

■ 26.4391, 14.5524,
18.7742

■ 24.4054, 12.3322,
12.4009

■ 27.9384, 16.5733,
22.2876

■ 29.8768, 19.3748,
26.2490

■ 32.2918, 23.0290,
30.6789

■ 35.2167, 27.6000,
35.5961

■ 38.6815, 33.1454,
41.0182

■ 42.7139, 39.7184,
46.9616

■ 47.3396, 47.3679,
53.4419

■ 52.5827, 56.1400,
60.4739

Harmonies

Analogous

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



22.9457, 13.2267, 35.7420



25.3351, 13.2267, 15.6857



23.6025, 13.2267, 4.8579

Triad

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



25.3351, 13.2267, 15.6857



8.5218, 13.2267, 1.0360



7.9527, 13.2267, 54.1746

Complementary

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



25.3351, 13.2267, 15.6857



22.4301, 39.8825, 20.9888

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.



5.6583, 13.2267, 31.9252



25.3351, 13.2267, 15.6857



5.9180, 13.2267, 3.8841

Square

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



25.3351, 13.2267, 15.6857



13.0123, 13.2267, 0.5093



5.0302, 13.2267, 13.1896



12.1409, 13.2267, 65.6154

Rectangle

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



25.3351, 13.2267, 15.6857



20.5495, 13.2267, 1.9632



5.0302, 13.2267, 13.1896



6.9830, 13.2267, 47.1942

Sweetspot

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



25.3355, 13.2275, 15.6859



70.9078, 61.3885, 75.5642



16.3724, 7.8008, 51.6817



15.0074, 12.6029, 15.7553



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.



25.3355, 13.2275, 15.6859



44.0877, 22.2914, 21.7896



22.7402, 12.1894, 2.0194



10.2785, 10.1600, 11.5571



16.0872, 8.1246, 8.3713



0.7299, 0.3650, 0.5450

Inverse Universe

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



25.3355, 13.2275, 15.6859



44.0877, 22.2914, 21.7896



29.4065, 42.6730, 57.7258



10.2785, 10.1600, 11.5571



16.0872, 8.1246, 8.3713



0.7299, 0.3650, 0.5450

Previews

White Background



This preview shows how the XYZ color 25.3351, 13.2267, 15.6857 looks on a white 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

Black Background



This preview shows how the XYZ color 25.3351, 13.2267, 15.6857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

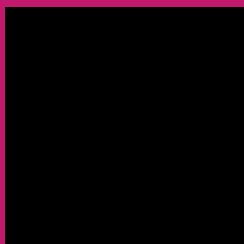
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3351, 13.2267, 15.6857

Background



This preview shows how black text looks on a background with the XYZ color 25.3351, 13.2267, 15.6857.



This preview shows how white text looks on a background with the XYZ color 25.3351, 13.2267,

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

25.3351, 13.2267, 15.6857

Protanopia

14.2412, 13.5857, 32.0087

Deuteranopia

13.8456, 13.6313, 14.2133



Tritanopia

23.0972, 13.4120, 4.2772

Trichromacy



Original Color

25.3351, 13.2267, 15.6857

Protanomaly

15.3553, 10.9312, 24.9675

Deuteranomaly

16.1437, 11.4738, 14.4605

Tritanomaly

23.6011, 13.1124, 7.2483

Monochromacy



Original Color

25.3351, 13.2267, 15.6857

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

12.2553, 8.7231, 11.6275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3351, 13.2267, 15.6857 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(194, 24, 109)` looks like.

```
.text, #text, p{  
    color:rgb(194, 24, 109)  
}
```

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(194, 24, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 24, 109) }
```

Border

The CSS property to change the border of an element to XYZ 25.3351, 13.2267, 15.6857 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(194, 24, 109) }
```


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

```
.border{ border-color:rgb(194, 24, 109) }
```

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

Here you see how a box with a 4 pixel rgb(194, 24, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 24, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 24, 109);  
box-shadow:4px 4px 4px 4px rgb(194, 24,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3351, 13.2267, 15.6857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 24, 109) }
```

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

```
.background{ background-color: rgb(194, 24,  
109) }
```

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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