

Converting Colors

XYZ(25.2224, 13.3459, 26.7268)

Have a look what the booklet for
XYZ(25.2224, 13.3459, 26.7268)
contains.

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Color

**XYZ(25.2507, 13.3454,
26.8362)**

Conversions

Conversions Part 1

Format	Color
Hex	B8238E
RGB	184, 35, 142
RGB Percent	72%, 14%, 56%
CMY	0.2784, 0.8627, 0.4431
CMYK	0.00, 0.81, 0.23, 0.28
HSL	317°, 68%, 43%
HSV	317°, 81%, 72%
XYZ	25.2507, 13.3454, 26.8362
YIQ	91.7490, 54.4570, 64.8650

Conversions

Conversions Part 2

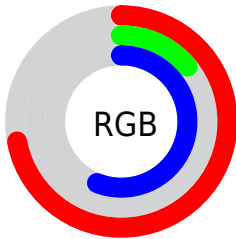
Format	Color
R_{YB}	184, 35, 142
Decimal	12067726
CIE _{Lab}	43.28, 65.91, -23.19
CIE _{LCh}	43, 69.874, 340.616
Yxy	13.3454, 0.3859, 0.2040
Android (android.graphics.Color)	4290257806 (0xFFB8238E)
YUV	91.7490, 24.7737, 80.9041
Hunter-Lab	36.5314, 59.4504, -17.9829

Details

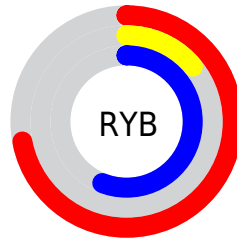
The XYZ color **25.2507, 13.3454, 26.8362** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **19.1740, 35.1747, 12.8020**, and the grayscale version is **10.0524, 10.5759, 11.5172**.

A 20% lighter version of the original color is **51.6397, 31.9540, 55.6706**, and **10.4925, 5.1910, 10.3465** is the 20% darker color. If you saturate the color by 10%, you get **24.4637, 12.3801, 24.6969**, and if you desaturate by 10%, it is **26.3404, 14.8867, 29.1660**.

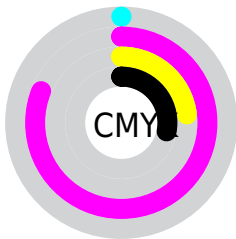
Distribution



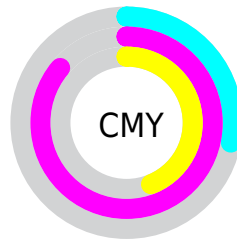
- Red (72%)
- Green (14%)
- Blue (56%)



- Red (72%)
- Yellow (14%)
- Blue (56%)



- Cyan (0%)
- Magenta (81%)
- Yellow (23%)
- Black (28%)




- Cyan (28%)
- Magenta (86%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2507, 13.3454, 26.8362 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 25.2507, 13.3454, 26.8362 by changing the saturation by 10% instead.


 25.2507, 13.3454,
26.8362


 25.2507, 13.3454,
26.8362


271.4088,
213.1196, 300.5982


 16.3937, 7.6668,
17.2189


 51.5036, 31.9229,
55.6214


 9.8958, 3.8825,
10.2271


 69.6302, 45.5907,
75.6265


 5.3916, 1.6081,
5.4422


 91.5773, 62.6902,
99.9311

 2.5159, 0.3630,
2.4457

 117.7104, 83.6061,
128.9540

 0.9033, 0.0000,
0.8112

 148.3947,
108.7225, 163.1136

 0.0000, 0.0000,
0.0000

 183.9956,

138.4240, 202.8285

224.8786,
173.0949, 248.5172

■ 25.2507, 13.3454,
26.8362

■ 25.2507, 13.3454,
26.8362

■ 24.4637, 12.3801,
24.6969

■ 26.3404, 14.8867,
29.1660

■ 23.9411, 11.8599,
22.9041

■ 27.7706, 17.0800,
31.6998

■ 29.5751, 19.9919,
34.4501

■ 31.7828, 23.6801,
37.4277

■ 34.4199, 28.1967,
40.6425

■ 37.5102, 33.5889,
44.1034

■ 41.0759, 39.9005,
47.8190

■ 45.1375, 47.1724,
51.7971

■ 49.7143, 55.4429,
56.0453

Harmonies

Analogous

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



20.7362, 13.3454, 50.9246



25.2507, 13.3454, 26.8362



25.9079, 13.3454, 9.7028

Triad

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



25.2507, 13.3454, 26.8362



10.8622, 13.3454, 0.4154



6.3115, 13.3454, 43.8475

Complementary

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



25.2507, 13.3454, 26.8362



19.1740, 35.1747, 12.8020

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.



4.9592, 13.3454, 20.7420



25.2507, 13.3454, 26.8362



7.0445, 13.3454, 1.6175

Square

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



25.2507, 13.3454, 26.8362



16.4611, 13.3454, 0.6087



5.1826, 13.3454, 6.7142



9.5346, 13.3454, 64.6719

Rectangle

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



25.2507, 13.3454, 26.8362



23.9129, 13.3454, 4.0242



5.1826, 13.3454, 6.7142



5.6712, 13.3454, 35.6068

Sweetspot

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



25.2511, 13.3461, 26.8364



65.9811, 57.3530, 77.7465



12.1346, 6.1488, 45.8950



13.7981, 11.6210, 16.2826



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.2511, 13.3461, 26.8364



43.5666, 21.6910, 42.0146



21.4670, 11.8325, 6.9096



9.2700, 9.1184, 10.7694



16.5313, 8.1863, 15.9507



0.6078, 0.2986, 0.6941

Inverse Universe

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



25.2511, 13.3461, 26.8364



43.5666, 21.6910, 42.0146



23.2778, 36.8162, 34.4121



9.2700, 9.1184, 10.7694



16.5313, 8.1863, 15.9507



0.6078, 0.2986, 0.6941

Previews

White Background



This preview shows how the XYZ color 25.2507, 13.3454, 26.8362 looks on a white background.

Color Contrast Check

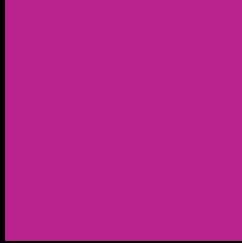
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2507, 13.3454, 26.8362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

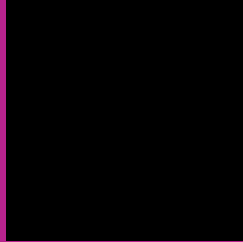
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.2507, 13.3454, 26.8362

Background



This preview shows how black text looks on a background with the XYZ color 25.2507, 13.3454, 26.8362.



This preview shows how white text looks on a background with the XYZ color 25.2507, 13.3454,

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

25.2507, 13.3454, 26.8362

Protanopia

15.7584, 13.7768, 52.2807

Deuteranopia

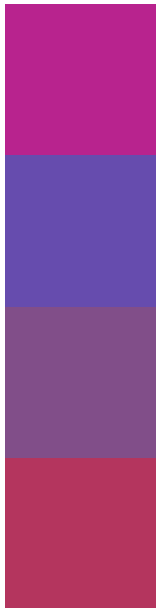
13.9842, 13.7654, 24.4742



Tritanopia

21.1507, 13.4252, 6.7868

Trichromacy



Original Color

25.2507, 13.3454, 26.8362

Protanomaly

15.7039, 11.0497, 41.3495

Deuteranomaly

16.2930, 11.9220, 25.1094

Tritanomaly

22.1159, 13.0577, 11.9444

Monochromacy



Original Color

25.2507, 13.3454, 26.8362

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

13.5252, 9.9922, 15.9677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2507, 13.3454, 26.8362 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(184, 35, 142)` looks like.

```
.text, #text, p{  
    color:rgb(184, 35, 142)  
}
```

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(184, 35, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 35, 142) }
```

Border

The CSS property to change the border of an element to XYZ 25.2507, 13.3454, 26.8362 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(184, 35, 142) }
```


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

```
.border{ border-color:rgb(184, 35, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 35, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 35, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 35, 142);  
box-shadow:4px 4px 4px 4px rgb(184, 35,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2507, 13.3454, 26.8362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 35, 142) }
```

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

```
.background{ background-color: rgb(184, 35,  
142) }
```

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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