

Converting Colors

XYZ(25.0514, 13.7751, 13.3951)

Have a look what the booklet for
XYZ(25.0514, 13.7751, 13.3951)
contains.

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Color

**XYZ(25.0514, 13.7751,
13.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	C12864
RGB	193, 40, 100
RGB Percent	76%, 16%, 39%
CMY	0.2431, 0.8431, 0.6078
CMYK	0.00, 0.79, 0.48, 0.24
HSL	336°, 66%, 46%
HSV	336°, 79%, 76%
XYZ	25.0514, 13.7751, 13.3951
YIQ	92.5870, 71.9280, 51.0960

Conversions

Conversions Part 2

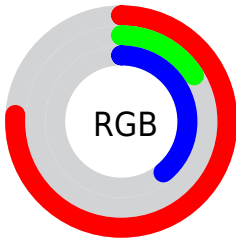
Format	Color
R_{YB}	193, 40, 100
Decimal	12658788
CIE _{Lab}	43.91, 62.35, 3.82
CIE _{LCh}	44, 62.469, 3.507
Yxy	13.7751, 0.4797, 0.2638
Android (android.graphics.Color)	4290848868 (0xFFC12864)
YUV	92.5870, 3.6546, 88.0622
Hunter-Lab	37.1148, 55.5312, 4.5820

Details

The XYZ color **25.0514, 13.7751, 13.3951** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **24.1798, 40.2850, 28.6955**, and the grayscale version is **10.2896, 10.8254, 11.7889**.

A 20% lighter version of the original color is **51.1126, 32.6126, 32.8791**, and **10.3387, 5.2529, 3.9590** is the 20% darker color. If you saturate the color by 10%, you get **24.0278, 12.5723, 10.4512**, and if you desaturate by 10%, it is **26.4821, 15.6614, 16.8784**.

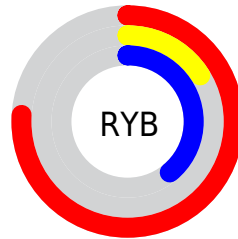
Distribution



Red (76%)

Green (16%)

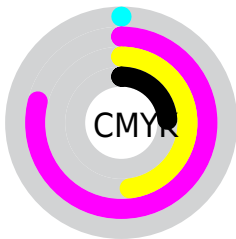
Blue (39%)



Red (76%)

Yellow (16%)

Blue (39%)

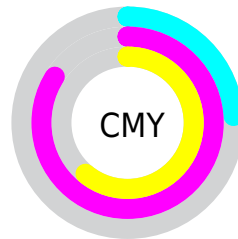


Cyan (0%)

Magenta (79%)

Yellow (48%)

Black (24%)



Cyan (24%)


Magenta (84%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0514, 13.7751, 13.3951 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 25.0514, 13.7751, 13.3951 by changing the saturation by 10% instead.


 25.0514, 13.7751,
13.3951


 25.0514, 13.7751,
13.3951


270.4367,
215.8272, 224.7306


 16.2443, 7.9644,
7.5673


 51.1829, 32.6894,
32.7133


 9.7891, 4.0722,
3.7355


 69.2380, 46.5619,
47.0408


 5.3206, 1.7140,
1.4814

 91.1064, 63.8904,
65.0385

 2.4732, 0.4327,
0.2040

 117.1536, 85.0593,
87.1251

 0.8818, 0.0000,
0.0000

 147.7449,
110.4530, 113.7191

 0.0000, 0.0000,
0.0000

 183.2456,

140.4560, 145.2389

224.0211,
175.4526, 182.1033

■ 25.0514, 13.7751,
13.3951

■ 25.0514, 13.7751,
13.3951

■ 24.0278, 12.5723,
10.4512

■ 26.4821, 15.6614,
16.8784

■ 23.3309, 11.8974,
8.0023

■ 28.3647, 18.3152,
20.9320

■ 23.2857, 11.8548,
7.8399

■ 30.7387, 21.8110,
25.5842

■ 33.6391, 26.2136,
30.8613

■ 37.0973, 31.5815,
36.7876

■ 41.1421, 37.9682,
43.3858

■ 45.8004, 45.4232,
50.6776

■ 51.0973, 53.9929,
58.6837

■ 57.0566, 63.7207,
67.4238

Harmonies

Analogous

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



23.5711, 13.7751, 30.7080



25.0514, 13.7751, 13.3951



22.7214, 13.7751, 4.4335

Triad

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



25.0514, 13.7751, 13.3951



8.5167, 13.7751, 1.8271



9.2950, 13.7751, 54.9153

Complementary

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



25.0514, 13.7751, 13.3951



24.1798, 40.2850, 28.6955

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.



6.6606, 13.7751, 35.5948



25.0514, 13.7751, 13.3951



6.2970, 13.7751, 5.8398

Square

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



25.0514, 13.7751, 13.3951



12.5202, 13.7751, 0.9335



5.7144, 13.7751, 16.7255



13.6826, 13.7751, 61.8564

Rectangle

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



25.0514, 13.7751, 13.3951



19.5960, 13.7751, 2.0344



5.7144, 13.7751, 16.7255



8.2158, 13.7751, 49.2366

Sweetspot

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



25.0518, 13.7759, 13.3953



69.8519, 61.9261, 71.5164



19.8700, 10.2584, 51.3849



14.4431, 12.4313, 14.4500



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.0518, 13.7759, 13.3953



42.1061, 21.6126, 15.4753



23.7565, 14.2526, 3.5074



10.2331, 10.1418, 11.3179



15.5245, 7.8996, 5.4082



0.7046, 0.3549, 0.4121

Inverse Universe

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



25.0518, 13.7759, 13.3953



42.1061, 21.6126, 15.4753



26.3621, 36.0236, 56.0159



10.2331, 10.1418, 11.3179



15.5245, 7.8996, 5.4082



0.7046, 0.3549, 0.4121

Previews

White Background



This preview shows how the XYZ color 25.0514, 13.7751, 13.3951 looks on a white background.

Color Contrast Check

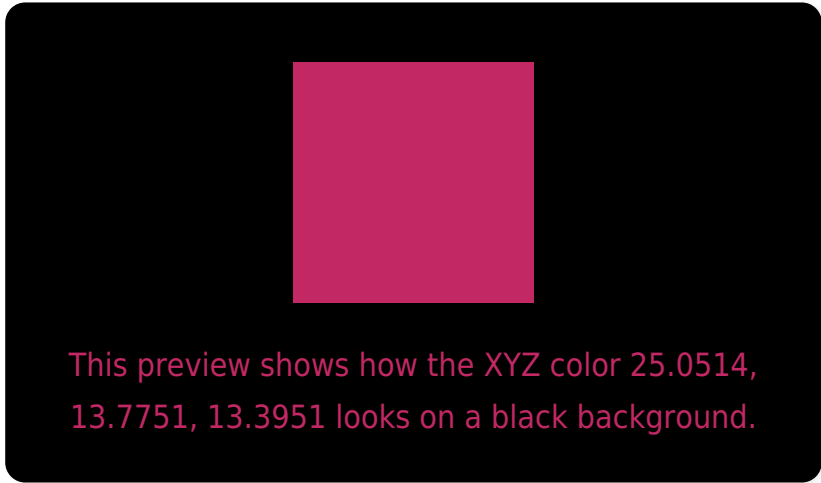
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 25.0514, 13.7751, 13.3951

Background



This preview shows how black text looks on a background with the XYZ color 25.0514, 13.7751, 13.3951.



This preview shows how white text looks on a background with the XYZ color 25.0514, 13.7751,

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

25.0514, 13.7751, 13.3951

Protanopia

14.2181, 14.1650, 25.2773

Deuteranopia

14.2372, 14.0196, 12.3116



Tritanopia

23.4485, 13.8984, 5.0612

Trichromacy



Original Color

25.0514, 13.7751, 13.3951

Protanomaly

15.8777, 12.1402, 20.2453

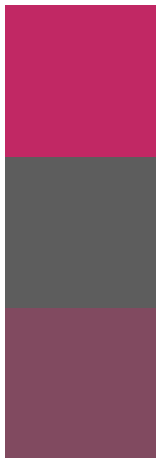
Deuteranomaly

16.7614, 12.5475, 12.6048

Tritanomaly

23.9325, 13.7753, 7.3588

Monochromacy



Original Color

25.0514, 13.7751, 13.3951

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

13.6134, 10.4092, 12.3580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0514, 13.7751, 13.3951 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(193, 40, 100)` looks like.

```
.text, #text, p{  
    color:rgb(193, 40, 100)  
}
```

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(193, 40, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 40, 100) }
```

Border

The CSS property to change the border of an element to XYZ 25.0514, 13.7751, 13.3951 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(193, 40, 100) }
```


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

```
.border{ border-color:rgb(193, 40, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 40, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 40, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 40, 100);  
box-shadow:4px 4px 4px 4px rgb(193, 40,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0514, 13.7751, 13.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 40, 100) }
```

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

```
.background{ background-color: rgb(193, 40,  
100) }
```

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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