

Converting Colors

XYZ(35.1122, 23.4053, 13.9763)

Have a look what the booklet for
XYZ(35.1122, 23.4053, 13.9763)
contains.

XYZ(35.1122, 23.4053, 13.9763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.1122, 23.4053,
13.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5B61
RGB	219, 91, 97
RGB Percent	86%, 36%, 38%
CMY	0.1412, 0.6431, 0.6196
CMYK	0.00, 0.58, 0.56, 0.14
HSL	357°, 64%, 61%
HSV	357°, 58%, 86%
XYZ	35.1122, 23.4053, 13.9763
YIQ	129.9560, 74.3620, 29.0020

Conversions

Conversions Part 2

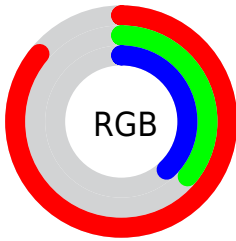
Format	Color
R_{YB}	219, 91, 97
Decimal	14375777
CIE Lab	55.49, 50.63, 22.37
CIE LCh	55, 55.350, 23.834
Yxy	23.4053, 0.4843, 0.3229
Android (android.graphics.Color)	4292565857 (0xFFDB5B61)
YUV	129.9560, -16.2473, 78.0916
Hunter-Lab	48.3790, 44.8872, 16.7369

Details

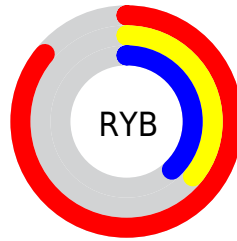
The XYZ color **35.1122, 23.4053, 13.9763** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **41.6577, 57.6919, 71.8953**, and the grayscale version is **21.2406, 22.3468, 24.3357**.

A 20% lighter version of the original color is **56.7107, 43.6489, 33.4531**, and **15.4966, 8.8120, 4.0161** is the 20% darker color. If you saturate the color by 10%, you get **32.6570, 19.8531, 8.9713**, and if you desaturate by 10%, it is **38.3708, 28.1547, 20.5127**.

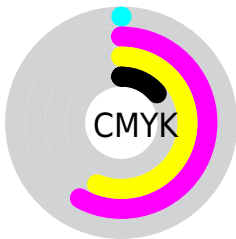
Distribution



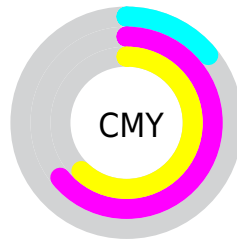
- Red (86%)
- Green (36%)
- Blue (38%)



- Red (86%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (58%)
- Yellow (56%)
- Black (14%)





- Cyan (14%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1122, 23.4053, 13.9763 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 35.1122, 23.4053, 13.9763 by changing the saturation by 10% instead.


 35.1122, 23.4053,
13.9763


 35.1122, 23.4053,
13.9763


316.5626,
269.7999, 228.5066

 23.9162, 14.8931,
7.9656


 66.9924, 49.0580,
33.7635

 15.3959, 8.7444,
3.9855


 88.4074, 66.9672,
48.3771

 9.1858, 4.5748,
1.6174


 113.9594, 88.7776,
66.6954

 4.9207, 2.0000,
0.3032

 144.0138,
114.8734, 89.1370

 2.2351, 0.6075,
0.0000

178.9360,
145.6392, 116.1203

 0.7611, 0.0000,
0.0000

219.0913,

 0.0000, 0.0000,

181.4593, 148.0640

0.0000

264.8451,
222.7180, 185.3866

■ 35.1122, 23.4053,
13.9763

■ 35.1122, 23.4053,
13.9763

■ 32.6570, 19.8531,
8.9713

■ 38.3708, 28.1547,
20.5127

■ 30.9338, 17.3880,
5.3719

■ 42.4924, 34.1911,
28.6903

■ 29.8618, 15.8862,
3.0345

■ 47.5332, 41.6001,
38.6100

■ 29.3263, 15.1644,
1.7793

■ 53.5440, 50.4588,
50.3644

■ 29.2695, 15.0825,
1.6630

■ 60.5719, 60.8387,
64.0394

■ 68.6610, 72.8065,
79.7158

■ 77.8528, 86.4250,
97.4694

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



36.4199, 23.4053, 29.3530



35.1122, 23.4053, 13.9763



30.0970, 23.4053, 6.6015

Triad

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



35.1122, 23.4053, 13.9763



13.9036, 23.4053, 10.1186



20.9830, 23.4053, 77.1265

Complementary

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



35.1122, 23.4053, 13.9763



41.6577, 57.6919, 71.8953

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.



15.8950, 23.4053, 64.4643



35.1122, 23.4053, 13.9763



12.3292, 23.4053, 21.9716

Square

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



35.1122, 23.4053, 13.9763



17.7450, 23.4053, 5.2134



12.9834, 23.4053, 42.0274



27.4503, 23.4053, 71.5561

Rectangle

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



35.1122, 23.4053, 13.9763



25.7535, 23.4053, 4.6870



12.9834, 23.4053, 42.0274



19.0724, 23.4053, 74.7270

Sweetspot

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



35.1128, 23.4066, 13.9767



75.8542, 71.6257, 71.6191



43.8526, 26.6843, 69.8570



15.6690, 14.4947, 14.2231



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.



35.1128, 23.4066, 13.9767



45.4931, 27.1517, 11.4078



41.7869, 37.1853, 14.8743



13.0806, 13.0614, 13.6858



17.3667, 8.9477, 1.0449



1.1340, 0.5832, 0.1145

Inverse Universe

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



35.1128, 23.4066, 13.9767



45.4931, 27.1517, 11.4078



29.9167, 32.9699, 71.8047



13.0806, 13.0614, 13.6858



17.3667, 8.9477, 1.0449



1.1340, 0.5832, 0.1145

Previews

White Background



This preview shows how the XYZ color 35.1122, 23.4053, 13.9763 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 35.1122, 23.4053, 13.9763 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 35.1122, 23.4053, 13.9763

Background



This preview shows how black text looks on a background with the XYZ color 35.1122, 23.4053, 13.9763.



This preview shows how white text looks on a background with the XYZ color 35.1122, 23.4053,

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

35.1122, 23.4053, 13.9763

Protanopia

22.3551, 23.6115, 19.9022

Deuteranopia

23.9056, 23.5646, 13.1860



Tritanopia

35.1122, 23.4053, 13.9763

Trichromacy



Original Color

35.1122, 23.4053, 13.9763

Protanomaly

25.6009, 22.4960, 17.4608

Deuteranomaly

27.1626, 22.8755, 13.3397

Tritanomaly

35.1122, 23.4053, 13.9763

Monochromacy



Original Color

35.1122, 23.4053, 13.9763

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

24.4157, 21.4802, 19.9988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1122, 23.4053, 13.9763 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, 91, 97)` looks like.

```
.text, #text, p{  
    color:rgb(219, 91, 97)  
}
```

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, 91, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 91, 97) }
```

Border

The CSS property to change the border of an element to XYZ 35.1122, 23.4053, 13.9763 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, 91, 97) }
```


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

```
.border{ border-color:rgb(219, 91, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 91, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 91, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 91, 97);  
box-shadow:4px 4px 4px 4px rgb(219, 91,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1122, 23.4053, 13.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 91, 97) }
```

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

```
.background{ background-color: rgb(219, 91,  
97) }
```

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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