

Converting Colors

XYZ(25.9195, 15.4465, 12.4163)

Have a look what the booklet for
XYZ(25.9195, 15.4465, 12.4163)
contains.

XYZ(25.8777, 15.4235, 12.4396)	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(25.8777, 15.4235,
12.4396)**

Conversions

Conversions Part 1

Format	Color
Hex	C23B5F
RGB	194, 59, 95
RGB Percent	76%, 23%, 37%
CMY	0.2392, 0.7686, 0.6274
CMYK	0.00, 0.70, 0.51, 0.24
HSL	344°, 53%, 50%
HSV	344°, 70%, 76%
XYZ	25.8777, 15.4235, 12.4396
YIQ	103.4690, 68.9040, 39.8160

Conversions

Conversions Part 2

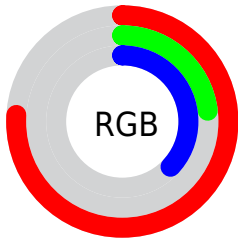
Format	Color
RYB	194, 59, 95
Decimal	12729183
CIELab	46.21, 55.92, 10.21
CIElCh	46, 56.848, 10.347
Yxy	15.4235, 0.4815, 0.2870
Android (android.graphics.Color)	4290919263 (0xFFC23B5F)
YUV	103.4690, -4.1752, 79.3957
Hunter-Lab	39.2728, 48.8903, 8.7109

Details

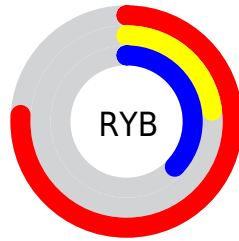
The XYZ color **25.8777, 15.4235, 12.4396** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **27.2682, 41.9825, 39.0176**, and the grayscale version is **13.0153, 13.6931, 14.9117**.

A 20% lighter version of the original color is **52.4816, 35.5658, 30.8869**, and **10.5461, 5.3726, 3.3869** is the 20% darker color. If you saturate the color by 10%, you get **24.4705, 13.5513, 9.0659**, and if you desaturate by 10%, it is **27.7742, 18.0854, 16.5594**.

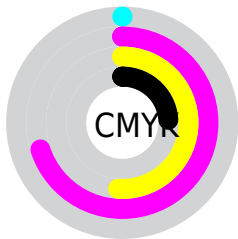
Distribution



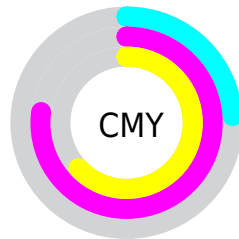
- Red (76%)
- Green (23%)
- Blue (37%)



- Red (76%)
- Yellow (23%)
- Blue (37%)



- Cyan (0%)
- Magenta (70%)
- Yellow (51%)
- Black (24%)



- Cyan (24%)
- Magenta (77%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8777, 15.4235, 12.4396 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 25.8777, 15.4235, 12.4396 by changing the saturation by 10% instead.


 25.8777, 15.4235,
12.4396


 25.8777, 15.4235,
12.4396


274.4489,
225.9154, 218.3744


 16.8644, 9.1171,
6.9176


 52.5103, 35.5944,
30.9695


 10.2325, 4.8177,
3.3330


 70.8603, 50.2278,
44.8146


 5.6169, 2.1407,
1.2671

 93.0532, 68.4056,
62.2711

 2.6520, 0.6874,
0.0346

 119.4543, 90.5123,
83.7576

 0.9725, 0.0000,
0.0000

 150.4291,
116.9322, 109.6927

 0.0000, 0.0000,
0.0000

186.3429,

148.0498, 140.4948

227.5611,
184.2494, 176.5825

■ 25.8777, 15.4235,
12.4396

■ 25.8777, 15.4235,
12.4396

■ 24.4705, 13.5513,
9.0659

■ 27.7742, 18.0854,
16.5594

■ 23.5015, 12.3768,
6.3893

■ 30.2016, 21.6104,
21.4681

■ 22.8839, 11.7377,
4.3460

■ 33.1982, 26.0664,
27.2062

■ 22.8618, 11.7148,
4.2727

■ 36.7984, 31.5136,
33.8106

■ 41.0336, 38.0074,
41.3162

■ 45.9332, 45.5988,
49.7560

■ 51.5247, 54.3355,
59.1609

■ 57.8339, 64.2626,
69.5609

■ 64.8853, 75.4226,
80.9841

Harmonies

Analogous

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



25.3100, 15.4235, 27.4703



25.8777, 15.4235, 12.4396



22.9756, 15.4235, 4.7595

Triad

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



25.8777, 15.4235, 12.4396



9.4138, 15.4235, 3.5563



11.7420, 15.4235, 56.5812

Complementary

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



25.8777, 15.4235, 12.4396



27.2682, 41.9825, 39.0176

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.



8.6399, 15.4235, 40.6920



25.8777, 15.4235, 12.4396



7.5154, 15.4235, 9.3186

Square

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



25.8777, 15.4235, 12.4396



13.0479, 15.4235, 1.8410



7.2673, 15.4235, 22.0607



16.3988, 15.4235, 59.1388

Rectangle

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



25.8777, 15.4235, 12.4396



19.7733, 15.4235, 2.6355



7.2673, 15.4235, 22.0607



10.5136, 15.4235, 52.3290

Sweetspot

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



25.8781, 15.4244, 12.4399



72.9146, 66.6602, 72.3547



25.4030, 14.2932, 52.4588



15.4808, 13.8500, 14.9870



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.



25.8781, 15.4244, 12.4399



43.4107, 23.3980, 13.9783



26.7368, 19.1833, 6.4324



10.1810, 10.1210, 11.0438



15.0605, 7.7139, 2.9646



0.6804, 0.3452, 0.2846

Inverse Universe

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



25.8781, 15.4244, 12.4399



43.4107, 23.3980, 13.9783



24.5507, 30.8430, 55.6982



10.1810, 10.1210, 11.0438



15.0605, 7.7139, 2.9646



0.6804, 0.3452, 0.2846

Previews

White Background



This preview shows how the XYZ color 25.8777, 15.4235, 12.4396 looks on a white background.

Color Contrast Check

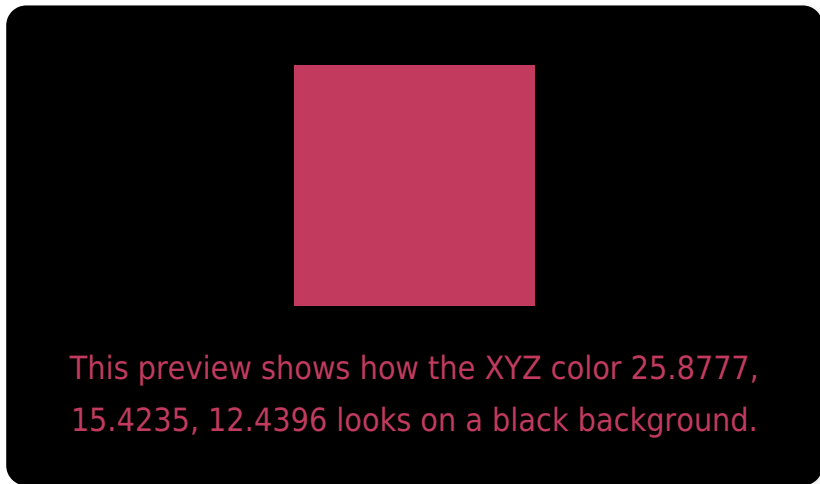
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8777, 15.4235, 12.4396

Background



This preview shows how black text looks on a background with the XYZ color 25.8777, 15.4235, 12.4396.



This preview shows how white text looks on a background with the XYZ color 25.8777, 15.4235,

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

25.8777, 15.4235, 12.4396

Protanopia

15.2882, 15.5936, 20.6165

Deuteranopia

15.8176, 15.6018, 11.4103



Tritanopia

24.6719, 15.4044, 7.1418

Trichromacy



Original Color

25.8777, 15.4235, 12.4396

Protanomaly

17.4809, 14.2275, 17.1541

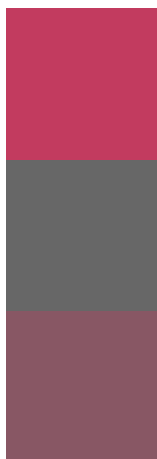
Deuteranomaly

18.4096, 14.5755, 11.7406

Tritanomaly

25.1450, 15.4425, 8.8631

Monochromacy



Original Color

25.8777, 15.4235, 12.4396

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

15.8618, 12.9707, 13.7242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8777, 15.4235, 12.4396 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, 59, 95)` looks like.

```
.text, #text, p{  
    color:rgb(194, 59, 95)  
}
```

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, 59, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 59, 95) }
```

Border

The CSS property to change the border of an element to XYZ 25.8777, 15.4235, 12.4396 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, 59, 95) }
```


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

```
.border{ border-color:rgb(194, 59, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 59, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 59, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 59, 95);  
box-shadow:4px 4px 4px 4px rgb(194, 59,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8777, 15.4235, 12.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 59, 95) }
```

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

```
.background{ background-color: rgb(194, 59,  
95) }
```

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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