

Converting Colors

XYZ(25.8255, 14.4451, 10.4072)

Have a look what the booklet for
XYZ(25.8255, 14.4451, 10.4072)
contains.

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Color

**XYZ(25.9097, 14.4953,
10.4491)**

Conversions

Conversions Part 1

Format	Color
Hex	C62C57
RGB	198, 44, 87
RGB Percent	78%, 17%, 34%
CMY	0.2235, 0.8274, 0.6588
CMYK	0.00, 0.78, 0.56, 0.22
HSL	343°, 64%, 47%
HSV	343°, 78%, 78%
XYZ	25.9097, 14.4953, 10.4491
YIQ	94.9480, 77.9810, 46.0210

Conversions

Conversions Part 2

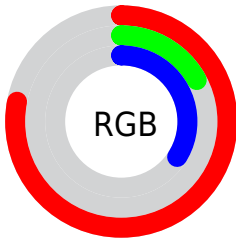
Format	Color
R_{YB}	198, 44, 87
Decimal	12987479
CIE _{Lab}	44.94, 61.55, 13.49
CIE _{LCh}	45, 63.010, 12.366
Yxy	14.4953, 0.5095, 0.2850
Android (android.graphics.Color)	4291177559 (0xFFC62C57)
YUV	94.9480, -3.9184, 90.3766
Hunter-Lab	38.0727, 54.8478, 10.3787

Details

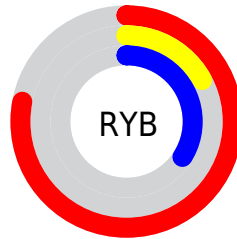
The XYZ color **25.9097, 14.4953, 10.4491** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **27.1506, 43.2907, 37.9406**, and the grayscale version is **10.8621, 11.4278, 12.4449**.

A 20% lighter version of the original color is **50.6342, 32.9382, 26.9815**, and **10.7344, 5.4855, 2.6835** is the 20% darker color. If you saturate the color by 10%, you get **24.8132, 13.1452, 7.4856**, and if you desaturate by 10%, it is **27.4738, 16.5964, 14.1375**.

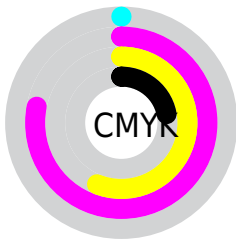
Distribution



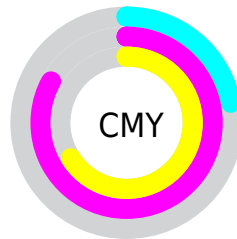
- Red (78%)
- Green (17%)
- Blue (34%)



- Red (78%)
- Yellow (17%)
- Blue (34%)



- Cyan (0%)
- Magenta (78%)
- Yellow (56%)
- Black (22%)





- Cyan (22%)
- Magenta (83%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9097, 14.4953, 10.4491 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 25.9097, 14.4953, 10.4491 by changing the saturation by 10% instead.


 25.9097, 14.4953,
10.4491


 25.9097, 14.4953,
10.4491


274.6034,
220.2907, 204.4479


 16.8884, 8.4660,
5.5882


 52.5616, 33.9653,
27.2578


 10.2498, 4.3945,
2.5317


 70.9229, 48.1748,
40.0427


 5.6284, 1.8966,
0.8569

 93.1282, 65.8797,
56.3060

 2.6590, 0.5463,
0.0000

 119.5430, 87.4646,
76.4663

 0.9761, 0.0000,
0.0000

 150.5326,
113.3137, 100.9421

 0.0000, 0.0000,
0.0000

 186.4622,

143.8115, 130.1519

227.6974,
179.3424, 164.5143

■ 25.9097, 14.4953,
10.4491

■ 25.9097, 14.4953,
10.4491

■ 24.8132, 13.1452,
7.4856

■ 27.4738, 16.5964,
14.1375

■ 24.1118, 12.4116,
5.1888

■ 29.5549, 19.5368,
18.5979

■ 23.9848, 12.2842,
4.7560

■ 32.1970, 23.3953,
23.8738

■ 35.4389, 28.2408,
30.0050

■ 39.3158, 34.1355,
37.0284

■ 43.8601, 41.1366,
44.9789

■ 49.1020, 49.2969,
53.8894

■ 55.0699, 58.6661,
63.7909

■ 61.7904, 69.2908,
74.7134

Harmonies

Analogous

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



25.5520, 14.4953, 26.0430



25.9097, 14.4953, 10.4491



22.4787, 14.4953, 3.3389

Triad

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



25.9097, 14.4953, 10.4491



8.1176, 14.4953, 2.7256



10.9866, 14.4953, 61.2611

Complementary

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



25.9097, 14.4953, 10.4491



27.1506, 43.2907, 37.9406

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.



7.6731, 14.4953, 43.6945



25.9097, 14.4953, 10.4491



6.3235, 14.4953, 8.6487

Square

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



25.9097, 14.4953, 10.4491



11.7611, 14.4953, 1.1213



6.1842, 14.4953, 22.6789



16.0118, 14.4953, 62.9446

Rectangle

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



25.9097, 14.4953, 10.4491



18.9071, 14.4953, 1.6247



6.1842, 14.4953, 22.6789



9.6711, 14.4953, 56.6756

Sweetspot

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



25.9101, 14.4961, 10.4493



73.0341, 65.6880, 71.5963



24.4911, 12.7859, 54.6029



15.0236, 13.1249, 14.2512



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.



25.9101, 14.4961, 10.4493



43.0562, 22.3287, 10.4391



26.4238, 17.5483, 4.3786



10.7535, 10.6848, 11.6854



15.6297, 8.0015, 3.2601



0.7717, 0.3915, 0.3211

Inverse Universe

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



25.9101, 14.4961, 10.4493



43.0562, 22.3287, 10.4391



24.6218, 31.3920, 58.1874



10.7535, 10.6848, 11.6854



15.6297, 8.0015, 3.2601



0.7717, 0.3915, 0.3211

Previews

White Background



This preview shows how the XYZ color 25.9097, 14.4953, 10.4491 looks on a white background.

Color Contrast Check

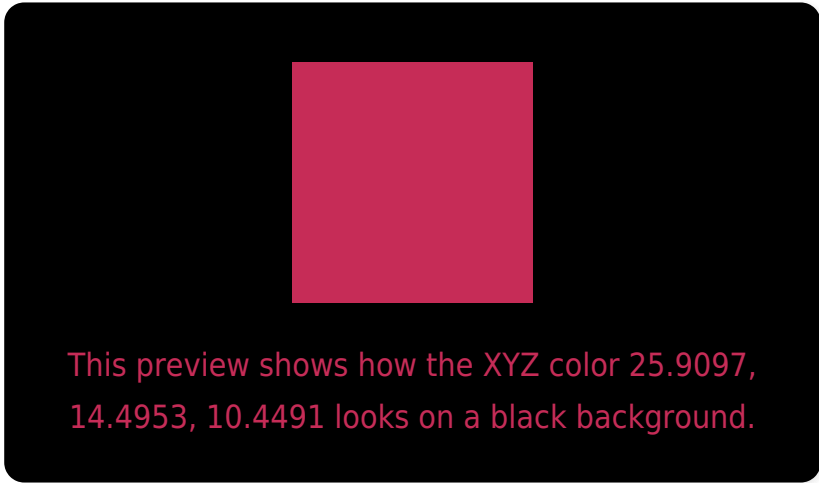
Large Text (above 18pt) WCAG AA ✓ Pass

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

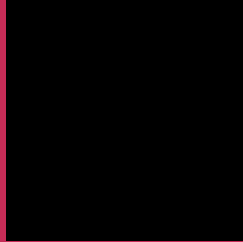
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9097, 14.4953, 10.4491

Background



This preview shows how black text looks on a background with the XYZ color 25.9097, 14.4953, 10.4491.



This preview shows how white text looks on a background with the XYZ color 25.9097, 14.4953,

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

25.9097, 14.4953, 10.4491

Protanopia

14.4716, 14.8876, 19.2504

Deuteranopia

15.0506, 14.7917, 9.6512



Tritanopia

24.6588, 14.4581, 4.9811

Trichromacy



Original Color

25.9097, 14.4953, 10.4491

Protanomaly

16.4716, 12.8912, 15.5300

Deuteranomaly

17.7155, 13.4314, 9.8424

Tritanomaly

25.1076, 14.4603, 6.6221

Monochromacy



Original Color

25.9097, 14.4953, 10.4491

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

14.0319, 10.8471, 11.4794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9097, 14.4953, 10.4491 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(198, 44, 87)` looks like.

```
.text, #text, p{  
    color:rgb(198, 44, 87)  
}
```

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(198, 44, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 44, 87) }
```

Border

The CSS property to change the border of an element to XYZ 25.9097, 14.4953, 10.4491 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(198, 44, 87) }
```


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

```
.border{ border-color:rgb(198, 44, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 44, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 44, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 44, 87);  
box-shadow:4px 4px 4px 4px rgb(198, 44,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9097, 14.4953, 10.4491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 44, 87) }
```

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

```
.background{ background-color: rgb(198, 44,  
87) }
```

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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