

Converting Colors

XYZ(25.2137, 14.4889, 8.0488)

Have a look what the booklet for
XYZ(25.2137, 14.4889, 8.0488)
contains.

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Color

**XYZ(25.1333, 14.4404,
8.1192)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C4314B |
| RGB | 196, 49, 75 |
| RGB Percent | 77%, 19%, 29% |
| CMY | 0.2314, 0.8078, 0.7059 |
| CMYK | 0.00, 0.75, 0.62, 0.23 |
| HSL | 349°, 60%, 48% |
| HSV | 349°, 75%, 77% |
| XYZ | 25.1333, 14.4404, 8.1192 |
| YIQ | 95.9170, 79.2660, 39.2500 |

Conversions

Conversions Part 2

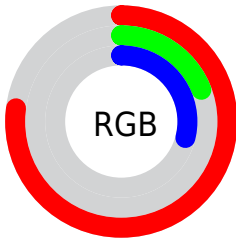
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 196, 49, 75 |
| Decimal | 12857675 |
| CIE _{Lab} | 44.86, 58.61, 20.75 |
| CIE _{LCh} | 45, 62.172, 19.493 |
| Yxy | 14.4404, 0.5270, 0.3028 |
| Android (android.graphics.Color) | 4291047755 (0xFFC4314B) |
| YUV | 95.9170, -10.3121, 87.7728 |
| Hunter-Lab | 38.0005, 51.5578, 13.9325 |

Details

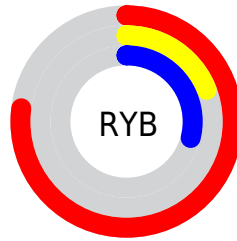
The XYZ color **25.1333, 14.4404, 8.1192** is a dark color, and the websafe version is hex **990033**. The color can be described as dark muted red. A complement of this color would be **28.2636, 43.0356, 44.8522**, and the grayscale version is **11.1099, 11.6885, 12.7287**.

A 20% lighter version of the original color is **50.1358, 33.2306, 22.8405**, and **10.2524, 5.2552, 1.8405** is the 20% darker color. If you saturate the color by 10%, you get **24.0003, 12.9491, 5.3539**, and if you desaturate by 10%, it is **26.7633, 16.7019, 11.7412**.

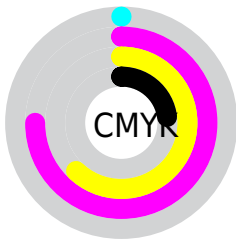
Distribution



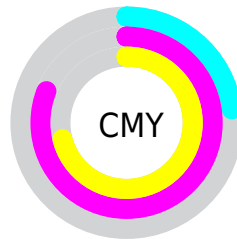
- Red (77%)
- Green (19%)
- Blue (29%)



- Red (77%)
- Yellow (19%)
- Blue (29%)



- Cyan (0%)
- Magenta (75%)
- Yellow (62%)
- Black (23%)





- Cyan (23%)
- Magenta (81%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1333, 14.4404, 8.1192 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 25.1333, 14.4404, 8.1192 by changing the saturation by 10% instead.


 25.1333, 14.4404,
8.1192


 25.1333, 14.4404,
8.1192


270.8365,
219.9536, 186.6334


 16.3057, 8.4276,
4.0825


 51.3147, 33.8684,
22.7418


 9.8329, 4.3698,
1.6707


 69.3992, 48.0525,
34.1648

 5.3497, 1.8825,
0.3405

 91.3000, 65.7290,
48.8868

 2.4907, 0.5378,
0.0000

 117.3826, 87.2825,
67.3266

 0.8906, 0.0000,
0.0000

 148.0121,
113.0973, 89.9026

 0.0000, 0.0000,
0.0000

 183.5540,

143.5578, 117.0334

224.3737,
179.0485, 149.1374

■ 25.1333, 14.4404,
8.1192

■ 25.1333, 14.4404,
8.1192

■ 24.0003, 12.9491,
5.3539

■ 26.7633, 16.7019,
11.7412

■ 23.3025, 12.1212,
3.3712

■ 28.9399, 19.8170,
16.2841

■ 23.0632, 11.8550,
2.6361

■ 31.7080, 23.8611,
21.8061

■ 35.1070, 28.9006,
28.3608

■ 39.1733, 34.9957,
35.9975

■ 43.9402, 42.2018,
44.7624

■ 49.4389, 50.5706,
54.6992

■ 55.6988, 60.1504,
65.8490

■ 62.7473, 70.9868,
78.2509

Harmonies

Analogous

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



25.7303, 14.4404, 21.3902



25.1333, 14.4404, 8.1192



21.0899, 14.4404, 2.6086

Triad

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



25.1333, 14.4404, 8.1192



7.5619, 14.4404, 3.6597



12.0214, 14.4404, 62.3225

Complementary

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



25.1333, 14.4404, 8.1192



28.2636, 43.0356, 44.8522

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.



8.3121, 14.4404, 47.9849



25.1333, 14.4404, 8.1192



6.1922, 14.4404, 11.1574

Square

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



25.1333, 14.4404, 8.1192



10.7194, 14.4404, 1.3525



6.4279, 14.4404, 27.0152



17.2460, 14.4404, 59.5267

Rectangle

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



25.1333, 14.4404, 8.1192



17.4356, 14.4404, 1.3858



6.4279, 14.4404, 27.0152



10.5824, 14.4404, 59.1168

Sweetspot

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



25.1336, 14.4412, 8.1194



73.1267, 66.6553, 69.2159



27.4358, 14.6238, 53.6010



15.1715, 13.5425, 13.9246



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.



25.1336, 14.4412, 8.1194



42.5841, 22.3711, 7.2401



27.4621, 20.2427, 5.3667



10.1443, 10.1063, 10.8504



14.8420, 7.6265, 1.8140



0.6641, 0.3387, 0.1987

Inverse Universe

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



25.1336, 14.4412, 8.1194



42.5841, 22.3711, 7.2401



22.0502, 26.2773, 56.1342



10.1443, 10.1063, 10.8504



14.8420, 7.6265, 1.8140



0.6641, 0.3387, 0.1987

Previews

White Background



This preview shows how the XYZ color 25.1333, 14.4404, 8.1192 looks on a white background.

Color Contrast Check

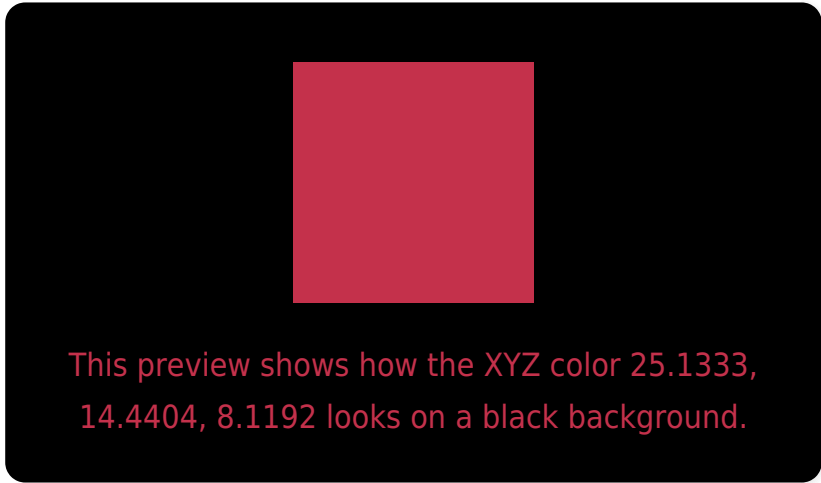
Large Text (above 18pt) WCAG AA ✓ Pass

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

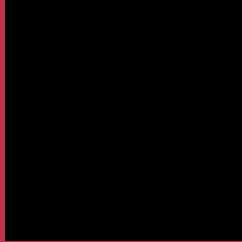
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.1333, 14.4404, 8.1192

Background



This preview shows how black text looks on a background with the XYZ color 25.1333, 14.4404, 8.1192.



This preview shows how white text looks on a background with the XYZ color 25.1333, 14.4404,

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

25.1333, 14.4404, 8.1192

Protanopia

13.9884, 14.7505, 14.1665

Deuteranopia

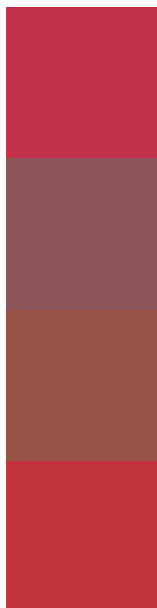
14.8480, 14.5872, 7.5019



Tritanopia

24.4684, 14.4241, 5.1089

Trichromacy



Original Color

25.1333, 14.4404, 8.1192

Protanomaly

16.2006, 13.0736, 11.5671

Deuteranomaly

17.3675, 13.4137, 7.6350

Tritanomaly

24.6032, 14.4059, 6.0413

Monochromacy



Original Color

25.1333, 14.4404, 8.1192

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

14.0732, 11.2021, 10.6530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1333, 14.4404, 8.1192 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(196, 49, 75)` looks like.

```
.text, #text, p{  
    color:rgb(196, 49, 75)  
}
```

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(196, 49, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 49, 75) }
```

Border

The CSS property to change the border of an element to XYZ 25.1333, 14.4404, 8.1192 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(196, 49, 75) }
```


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

```
.border{ border-color:rgb(196, 49, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 49, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 49, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 49, 75);  
box-shadow:4px 4px 4px 4px rgb(196, 49,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1333, 14.4404, 8.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 49, 75) }
```

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

```
.background{ background-color: rgb(196, 49,  
75) }
```

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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