

Converting Colors

XYZ(25.5728, 15.1728, 7.1517)

Have a look what the booklet for
XYZ(25.5728, 15.1728, 7.1517)
contains.

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Color

**XYZ(25.5143, 15.1283,
7.2055)**

Conversions

Conversions Part 1

Format	Color
Hex	C53845
RGB	197, 56, 69
RGB Percent	77%, 22%, 27%
CMY	0.2275, 0.7804, 0.7294
CMYK	0.00, 0.72, 0.65, 0.23
HSL	354°, 56%, 50%
HSV	354°, 72%, 77%
XYZ	25.5143, 15.1283, 7.2055
YIQ	99.6410, 79.8630, 33.9350

Conversions

Conversions Part 2

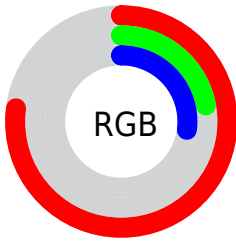
Format	Color
RYB	197, 56, 69
Decimal	12924997
CIELab	45.81, 56.12, 25.67
CIELCh	46, 61.714, 24.580
Yxy	15.1283, 0.5332, 0.3162
Android (android.graphics.Color)	4291115077 (0xFFC53845)
YUV	99.6410, -15.1060, 85.3838
Hunter-Lab	38.8951, 49.0254, 16.2428

Details

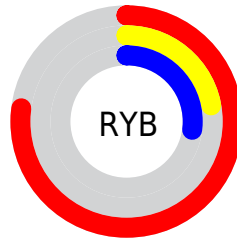
The XYZ color **25.5143, 15.1283, 7.2055** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30.2502, 44.2344, 52.2958**, and the grayscale version is **12.0456, 12.6729, 13.8008**.

A 20% lighter version of the original color is **50.2451, 34.1327, 20.7697**, and **10.3398, 5.3088, 1.4570** is the 20% darker color. If you saturate the color by 10%, you get **24.2662, 13.3909, 4.4511**, and if you desaturate by 10%, it is **27.3059, 17.6854, 10.9667**.

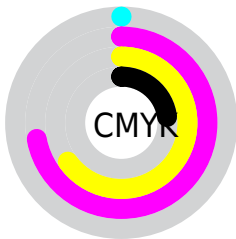
Distribution



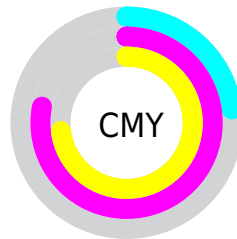
- Red (77%)
- Green (22%)
- Blue (27%)



- Red (77%)
- Yellow (22%)
- Blue (27%)



- Cyan (0%)
- Magenta (72%)
- Yellow (65%)
- Black (23%)





- Cyan (23%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5143, 15.1283, 7.2055 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 25.5143, 15.1283, 7.2055 by changing the saturation by 10% instead.


 25.5143, 15.1283,
7.2055


 25.5143, 15.1283,
7.2055


272.6902,
224.1415, 179.0557


 16.5914, 8.9095,
3.5106


 51.9273, 35.0781,
20.9053


 10.0371, 4.6822,
1.3609


 70.1480, 49.5779,
31.7473


 5.4860, 2.0620,
0.1109

 92.1988, 67.6067,
45.8086

 2.5728, 0.6431,
0.0000

 118.4449, 89.5491,
63.5080

 0.9321, 0.0000,
0.0000

 149.2518,
115.7894, 85.2638

 0.0000, 0.0000,
0.0000

184.9847,

146.7119, 111.4947

226.0091,
182.7012, 142.6191

■ 25.5143, 15.1283,
7.2055

■ 25.5143, 15.1283,
7.2055

■ 24.2662, 13.3909,
4.4511

■ 27.3059, 17.6854,
10.9667

■ 23.4980, 12.3703,
2.6051

■ 29.6930, 21.1438,
15.8188

■ 23.1363, 11.9144,
1.6591

■ 32.7226, 25.5781,
21.8381

■ 36.4367, 31.0544,
29.0937

■ 40.8738, 37.6331,
37.6492

■ 46.0694, 45.3700,
47.5640

■ 52.0568, 54.3171,
58.8937

■ 58.8671, 64.5231,
71.6909

■ 66.5301, 76.0343,
86.0055

Harmonies

Analogous

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



26.7969, 15.1283, 19.3255



25.5143, 15.1283, 7.2055



20.9824, 15.1283, 2.4256

Triad

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



25.5143, 15.1283, 7.2055



7.6764, 15.1283, 4.8305



13.4557, 15.1283, 64.5422

Complementary

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



25.5143, 15.1283, 7.2055



30.2502, 44.2344, 52.2958

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.



9.3305, 15.1283, 52.5304



25.5143, 15.1283, 7.2055



6.5490, 15.1283, 13.9145

Square

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



25.5143, 15.1283, 7.2055



10.6101, 15.1283, 1.7473



7.0719, 15.1283, 31.4739



18.9489, 15.1283, 58.6065

Rectangle

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



25.5143, 15.1283, 7.2055



17.2028, 15.1283, 1.4199



7.0719, 15.1283, 31.4739



11.8825, 15.1283, 62.3259

Sweetspot

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



25.5147, 15.1292, 7.2057



73.4190, 67.7183, 67.8389



30.9974, 16.9155, 54.4543



15.2070, 13.7405, 13.5456



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.



25.5147, 15.1292, 7.2057



42.5734, 22.7883, 5.8841



29.5789, 23.8339, 6.7840



10.6729, 10.6525, 11.2608



15.2317, 7.8423, 1.1642



0.7351, 0.3769, 0.1285

Inverse Universe

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



25.5147, 15.1292, 7.2057



42.5734, 22.7883, 5.8841



21.1759, 23.8052, 56.3018



10.6729, 10.6525, 11.2608



15.2317, 7.8423, 1.1642



0.7351, 0.3769, 0.1285

Previews

White Background



This preview shows how the XYZ color 25.5143, 15.1283, 7.2055 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 25.5143, 15.1283, 7.2055

Background



This preview shows how black text looks on a background with the XYZ color 25.5143, 15.1283, 7.2055.



This preview shows how white text looks on a background with the XYZ color 25.5143, 15.1283,

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

25.5143, 15.1283, 7.2055

Protanopia

14.3843, 15.3203, 11.8718

Deuteranopia

15.4927, 15.2350, 6.6815



Tritanopia

25.3546, 15.2227, 5.8769

Trichromacy



Original Color

25.5143, 15.1283, 7.2055

Protanomaly

16.8562, 13.9413, 9.7852

Deuteranomaly

18.0726, 14.2660, 6.8021

Tritanomaly

25.3863, 15.1555, 6.2899

Monochromacy



Original Color

25.5143, 15.1283, 7.2055

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

14.9652, 12.2128, 11.0198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5143, 15.1283, 7.2055 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(197, 56, 69)` looks like.

```
.text, #text, p{  
    color:rgb(197, 56, 69)  
}
```

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(197, 56, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 56, 69) }
```

Border

The CSS property to change the border of an element to XYZ 25.5143, 15.1283, 7.2055 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(197, 56, 69) }
```


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

```
.border{ border-color:rgb(197, 56, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 56, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 56, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 56, 69);  
box-shadow:4px 4px 4px 4px rgb(197, 56,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5143, 15.1283, 7.2055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 56, 69) }
```

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

```
.background{ background-color: rgb(197, 56,  
69) }
```

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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