

Converting Colors

XYZ(24.2485, 15.3900, 5.6398)

Have a look what the booklet for
XYZ(24.2485, 15.3900, 5.6398)
contains.

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Color

**XYZ(24.2567, 15.3962,
5.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	BF433A
RGB	191, 67, 58
RGB Percent	75%, 26%, 23%
CMY	0.2510, 0.7372, 0.7725
CMYK	0.00, 0.65, 0.70, 0.25
HSL	4°, 53%, 49%
HSV	4°, 70%, 75%
XYZ	24.2567, 15.3962, 5.6963
YIQ	103.0500, 76.7930, 23.4890

Conversions

Conversions Part 2

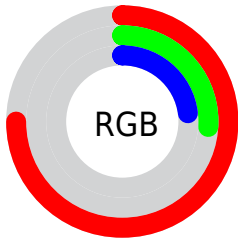
Format	Color
R_{YB}	191, 68, 58
Decimal	12534586
CIE _{Lab}	46.17, 49.17, 32.39
CIE _{LCh}	46, 58.880, 33.377
Yxy	15.3962, 0.5349, 0.3395
Android (android.graphics.Color)	4290724666 (0xFFBF433A)
YUV	103.0500, -22.2096, 77.1322
Hunter-Lab	39.2380, 41.6812, 18.8593

Details

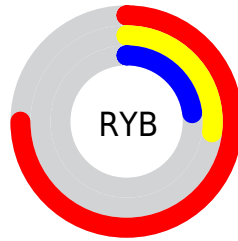
The XYZ color **24.2567, 15.3962, 5.6963** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **27.8751, 38.1135, 55.1772**, and the grayscale version is **12.9488, 13.6232, 14.8356**.

A 20% lighter version of the original color is **49.9469, 35.5980, 17.8743**, and **9.4463, 4.8598, 0.8921** is the 20% darker color. If you saturate the color by 10%, you get **22.9570, 13.4357, 3.2942**, and if you desaturate by 10%, it is **26.0627, 18.0814, 9.1563**.

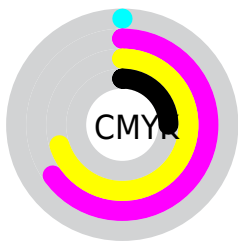
Distribution



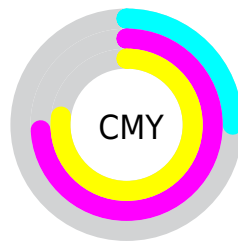
- Red (75%)
- Green (26%)
- Blue (23%)



- Red (75%)
- Yellow (27%)
- Blue (23%)



- Cyan (0%)
- Magenta (65%)
- Yellow (70%)
- Black (25%)





- Cyan (25%)
- Magenta (74%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2567, 15.3962, 5.6963 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 24.2567, 15.3962, 5.6963 by changing the saturation by 10% instead.


 24.2567, 15.3962,
5.6963


 24.2567, 15.3962,
5.6963


266.5322,
225.7519, 165.5401


 15.6499, 9.0979,
2.5955


 49.9004, 35.5467,
17.7639


 9.3660, 4.8051,
0.8901


 67.6680, 50.1678,
27.5677

 5.0397, 2.1334,
0.0000

 89.2200, 68.3319,
40.4430

 2.3056, 0.6833,
0.0000

 114.9216, 90.4235,
56.8083

 0.7975, 0.0000,
0.0000

 145.1383,
116.8268, 77.0821

 0.0000, 0.0000,
0.0000

 180.2354,

147.9264, 101.6830

220.5782,
184.1067, 131.0295

■ 24.2567, 15.3962,
5.6963

■ 24.2567, 15.3962,
5.6963

■ 22.9570, 13.4357,
3.2942

■ 26.0627, 18.0814,
9.1563

■ 22.1105, 12.1268,
1.8279

■ 28.4189, 21.5498,
13.7765

■ 21.6411, 11.3809,
1.0763

■ 31.3655, 25.8570,
19.6483

■ 21.6288, 11.3625,
1.0532

■ 34.9388, 31.0528,
26.8533

■ 39.1721, 37.1832,
35.4666

■ 44.0963, 44.2908,
45.5576

■ 49.7404, 52.4157,
57.1909

■ 56.1318, 61.5959,
70.4275

■ 63.2963, 71.8673,
85.3251

Harmonies

Analogous

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



26.5289, 15.3962, 15.1888



24.2567, 15.3962, 5.6963



19.3956, 15.3962, 2.2101

Triad

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



24.2567, 15.3962, 5.6963



7.5935, 15.3962, 7.1818



15.2092, 15.3962, 62.2252

Complementary

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



24.2567, 15.3962, 5.6963



27.8751, 38.1135, 55.1772

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.



10.7228, 15.3962, 55.5710



24.2567, 15.3962, 5.6963



6.9622, 15.3962, 18.4442

Square

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



24.2567, 15.3962, 5.6963



9.9427, 15.3962, 2.6589



7.9663, 15.3962, 37.0163



20.6074, 15.3962, 52.0314

Rectangle

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



24.2567, 15.3962, 5.6963



15.7746, 15.3962, 1.5726



7.9663, 15.3962, 37.0163



13.5491, 15.3962, 61.8988

Sweetspot

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



24.2571, 15.3971, 5.6965



68.7838, 64.6085, 60.7165



31.4560, 17.4853, 46.0450



14.6249, 13.4936, 12.3559



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.2571, 15.3971, 5.6965



40.1600, 22.5939, 4.2143



30.6872, 28.2574, 7.8399



9.5807, 9.6373, 9.9319



14.2366, 7.5119, 0.6996



0.5756, 0.3301, 0.0334

Inverse Universe

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



27.8751, 38.1135, 55.1772



46.9189, 65.6150, 98.4712



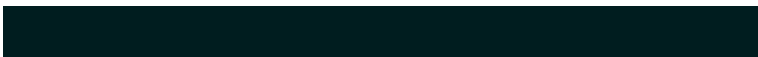
17.3521, 17.0676, 51.6695



9.7518, 10.6959, 12.2227



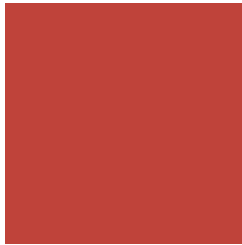
16.6750, 23.4617, 36.0426



0.6700, 0.9526, 1.4174

Previews

White Background



This preview shows how the XYZ color 24.2567, 15.3962, 5.6963 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



This preview shows how the XYZ color 24.2567, 15.3962, 5.6963 looks on a 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 24.2567, 15.3962, 5.6963

Background



This preview shows how black text looks on a background with the XYZ color 24.2567, 15.3962, 5.6963.



This preview shows how white text looks on a background with the XYZ color 24.2567, 15.3962,

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

24.2567, 15.3962, 5.6963

Protanopia

14.3863, 15.5548, 8.5475

Deuteranopia

15.8025, 15.5764, 5.3056



Tritanopia

24.4503, 15.2866, 7.2922

Trichromacy



Original Color

24.2567, 15.3962, 5.6963

Protanomaly

16.7231, 14.4425, 7.3751

Deuteranomaly

18.1172, 14.8164, 5.3950

Tritanomaly

24.3882, 15.3544, 6.6793

Monochromacy



Original Color

24.2567, 15.3962, 5.6963

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

15.3681, 13.1513, 10.7453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2567, 15.3962, 5.6963 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(191, 67, 58)` looks like.

```
.text, #text, p{  
    color:rgb(191, 67, 58)  
}
```

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(191, 67, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 67, 58) }
```

Border

The CSS property to change the border of an element to XYZ 24.2567, 15.3962, 5.6963 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(191, 67, 58) }
```


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

```
.border{ border-color:rgb(191, 67, 58) }
```

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

Here you see how a box with a 4 pixel rgb(191, 67, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 67, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 67, 58);  
box-shadow:4px 4px 4px 4px rgb(191, 67,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2567, 15.3962, 5.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 67, 58) }
```

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

```
.background{ background-color: rgb(191, 67,  
58) }
```

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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