

Converting Colors

XYZ(24.7553, 15.3435, 9.6133)

Have a look what the booklet for
XYZ(24.7553, 15.3435, 9.6133)
contains.

XYZ(24.8422, 15.3524, 9.6366)	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(24.8422, 15.3524,
9.6366)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4052
RGB	191, 64, 82
RGB Percent	75%, 25%, 32%
CMY	0.2510, 0.7490, 0.6784
CMYK	0.00, 0.66, 0.57, 0.25
HSL	351°, 50%, 50%
HSV	351°, 66%, 75%
XYZ	24.8422, 15.3524, 9.6366
YIQ	104.0250, 69.9140, 32.5220

Conversions

Conversions Part 2

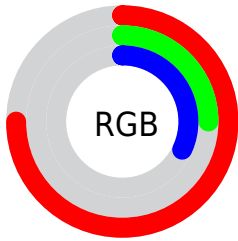
Format	Color
R_{YB}	191, 64, 82
Decimal	12533842
CIE _{Lab}	46.11, 51.95, 17.96
CIE _{LCh}	46, 54.972, 19.072
Yxy	15.3524, 0.4985, 0.3081
Android (android.graphics.Color)	4290723922 (0xFFBF4052)
YUV	104.0250, -10.8583, 76.2771
Hunter-Lab	39.1821, 44.6036, 12.8455

Details

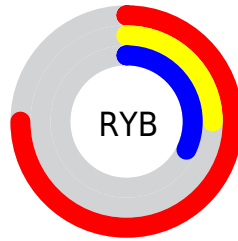
The XYZ color **24.8422, 15.3524, 9.6366** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **28.2891, 41.3690, 46.0331**, and the grayscale version is **13.1807, 13.8671, 15.1013**.

A 20% lighter version of the original color is **50.8384, 35.5278, 25.6508**, and **9.8656, 5.0455, 2.2876** is the 20% darker color. If you saturate the color by 10%, you get **23.3924, 13.3348, 6.4346**, and if you desaturate by 10%, it is **26.8105, 18.1688, 13.7470**.

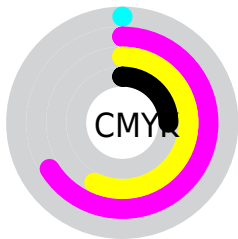
Distribution



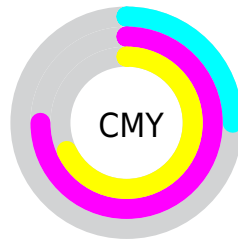
- Red (75%)
- Green (25%)
- Blue (32%)



- Red (75%)
- Yellow (25%)
- Blue (32%)



- Cyan (0%)
- Magenta (66%)
- Yellow (57%)
- Black (25%)



- Cyan (25%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8422, 15.3524, 9.6366 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 24.8422, 15.3524, 9.6366 by changing the saturation by 10% instead.

■ 24.8422, 15.3524,
9.6366

■ 24.8422, 15.3524,
9.6366

269.4133,
225.4894, 198.4480

■ 16.0876, 9.0671,
5.0562

■ 50.8458, 35.4702,
25.7067

■ 9.6774, 4.7850,
2.2210

■ 68.8256, 50.0715,
38.0336

■ 5.2462, 2.1217,
0.6864

■ 90.6112, 68.2136,
53.7797

■ 2.4287, 0.6768,
0.0000

■ 116.5679, 90.2808,
73.3636

■ 0.8594, 0.0000,
0.0000

■ 147.0612,
116.6576, 97.2039

■ 0.0000, 0.0000,
0.0000

182.4562,

147.7284, 125.7190

223.1185,
183.8775, 159.3275

■ 24.8422, 15.3524,
9.6366

■ 24.8422, 15.3524,
9.6366

■ 23.3924, 13.3348,
6.4346

■ 26.8105, 18.1688,
13.7470

■ 22.4097, 12.0302,
4.0702

■ 29.3399, 21.8530,
18.8275

■ 21.8305, 11.3307,
2.4620

■ 32.4697, 26.4698,
24.9354

■ 21.6842, 11.1557,
2.0509

■ 36.2354, 32.0768,
32.1230

■ 40.6696, 38.7271,
40.4393

■ 45.8028, 46.4699,
49.9302

■ 51.6635, 55.3514,
60.6389

■ 58.2787, 65.4150,
72.6066

■ 65.6739, 76.7020,
85.8724

Harmonies

Analogous

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



25.3163, 15.3524, 22.0864



24.8422, 15.3524, 9.6366



21.3080, 15.3524, 3.8348

Triad

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



24.8422, 15.3524, 9.6366



8.7999, 15.3524, 4.8876



12.9535, 15.3524, 56.8710

Complementary

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



24.8422, 15.3524, 9.6366



28.2891, 41.3690, 46.0331

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.



9.4602, 15.3524, 44.6836



24.8422, 15.3524, 9.6366



7.4262, 15.3524, 12.2957

Square

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



24.8422, 15.3524, 9.6366



11.8476, 15.3524, 2.2814



7.6388, 15.3524, 26.6175



17.7305, 15.3524, 54.7572

Rectangle

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



24.8422, 15.3524, 9.6366



18.0438, 15.3524, 2.3578



7.6388, 15.3524, 26.6175



11.6111, 15.3524, 54.1308

Sweetspot

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



24.8426, 15.3533, 9.6369



69.6540, 64.5736, 66.4800



28.2402, 16.1944, 50.9272



14.8012, 13.4387, 13.6711



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.



24.8426, 15.3533, 9.6369



40.9569, 22.6170, 9.3219



27.8221, 22.2680, 7.6836



9.5838, 9.5578, 10.1971



14.2689, 7.3387, 1.4439



0.5769, 0.2946, 0.1510

Inverse Universe

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



24.8426, 15.3533, 9.6369



40.9569, 22.6170, 9.3219



21.8831, 25.5804, 53.0739



9.5838, 9.5578, 10.1971



14.2689, 7.3387, 1.4439



0.5769, 0.2946, 0.1510

Previews

White Background



This preview shows how the XYZ color 24.8422, 15.3524, 9.6366 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 24.8422, 15.3524, 9.6366 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 24.8422, 15.3524, 9.6366

Background



This preview shows how black text looks on a background with the XYZ color 24.8422, 15.3524, 9.6366.



This preview shows how white text looks on a background with the XYZ color 24.8422, 15.3524,

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

24.8422, 15.3524, 9.6366

Protanopia

14.8342, 15.6418, 15.0693

Deuteranopia

15.7162, 15.4502, 8.9913



Tritanopia

24.2889, 15.2858, 7.4646

Trichromacy



Original Color

24.8422, 15.3524, 9.6366

Protanomaly

16.9644, 14.3176, 12.6959

Deuteranomaly

18.1682, 14.6347, 9.0749

Tritanomaly

24.3615, 15.2222, 8.1327

Monochromacy



Original Color

24.8422, 15.3524, 9.6366

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

15.8370, 13.2235, 12.7840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8422, 15.3524, 9.6366 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, 64, 82)` looks like.

```
.text, #text, p{  
    color:rgb(191, 64, 82)  
}
```

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, 64, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 64, 82) }
```

Border

The CSS property to change the border of an element to XYZ 24.8422, 15.3524, 9.6366 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, 64, 82) }
```


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

```
.border{ border-color:rgb(191, 64, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 64, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 64, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 64, 82);  
box-shadow:4px 4px 4px 4px rgb(191, 64,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8422, 15.3524, 9.6366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 64, 82) }
```

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

```
.background{ background-color: rgb(191, 64,  
82) }
```

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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