

Converting Colors

XYZ(24.3341, 15.2233, 8.1500)

Have a look what the booklet for
XYZ(24.3341, 15.2233, 8.1500)
contains.

XYZ(24.3615, 15.2222, 8.1327)	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(24.3615, 15.2222,
8.1327)**

Conversions

Conversions Part 1

Format	Color
Hex	BE414A
RGB	190, 65, 74
RGB Percent	75%, 25%, 29%
CMY	0.2549, 0.7451, 0.7098
CMYK	0.00, 0.66, 0.61, 0.25
HSL	356°, 49%, 50%
HSV	356°, 66%, 75%
XYZ	24.3615, 15.2222, 8.1327
YIQ	103.4010, 71.6110, 29.2990

Conversions

Conversions Part 2

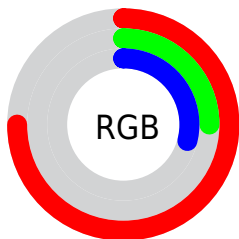
Format	Color
R_{YB}	190, 65, 74
Decimal	12468554
CIE Lab	45.94, 50.64, 22.56
CIE LCh	46, 55.437, 24.014
Yxy	15.2222, 0.5105, 0.3190
Android (android.graphics.Color)	4290658634 (0xFFBE414A)
YUV	103.4010, -14.4947, 75.9473
Hunter-Lab	39.0156, 43.1787, 14.9521

Details

The XYZ color **24.3615, 15.2222, 8.1327** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **28.9351, 41.2872, 50.1644**, and the grayscale version is **13.0232, 13.7014, 14.9208**.

A 20% lighter version of the original color is **49.9556, 35.1329, 22.8873**, and **9.4403, 4.8396, 1.6649** is the 20% darker color. If you saturate the color by 10%, you get **22.9352, 13.1909, 5.1259**, and if you desaturate by 10%, it is **26.3218, 18.0553, 12.1391**.

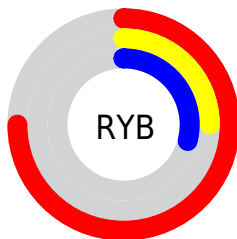
Distribution



Red (75%)

Green (25%)

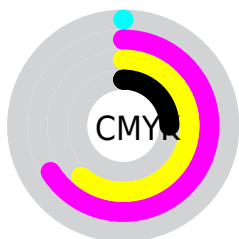
Blue (29%)



Red (75%)

Yellow (25%)

Blue (29%)

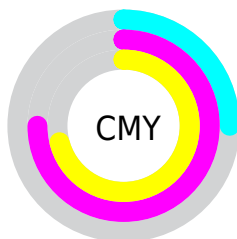


Cyan (0%)

Magenta (66%)

Yellow (61%)

Black (25%)



Cyan (25%)


Magenta (75%)


Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3615, 15.2222, 8.1327 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 24.3615, 15.2222, 8.1327 by changing the saturation by 10% instead.


 24.3615, 15.2222,
8.1327


 24.3615, 15.2222,
8.1327


267.0497,
224.7072, 186.7425


 15.7282, 8.9755,
4.0910


 50.0699, 35.2425,
22.7686


 9.4216, 4.7252,
1.6754


 67.8756, 49.7849,
34.1999

 5.0765, 2.0869,
0.3438

 89.4696, 67.8613,
48.9315

 2.3274, 0.6573,
0.0000

 115.2171, 89.8561,
67.3819

 0.8087, 0.0000,
0.0000

 145.4835,
116.1537, 89.9697

 0.0000, 0.0000,
0.0000

180.6342,

147.1385, 117.1133

221.0345,
183.1949, 149.2314

■ 24.3615, 15.2222,
8.1327

■ 24.3615, 15.2222,
8.1327

■ 22.9352, 13.1909,
5.1259

■ 26.3218, 18.0553,
12.1391

■ 21.9890, 11.8761,
3.0298

■ 28.8608, 21.7591,
17.2221

■ 21.4583, 11.1754,
1.7405

■ 32.0198, 26.3979,
23.4521

■ 21.3121, 10.9779,
1.3994

■ 35.8360, 32.0292,
30.8930

■ 40.3436, 38.7061,
39.6044

■ 45.5745, 46.4777,
49.6417

■ 51.5586, 55.3900,
61.0571

■ 58.3241, 65.4866,
73.9000

■ 65.8977, 76.8085,
88.2173

Harmonies

Analogous

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



25.4108, 15.2222, 19.4147



24.3615, 15.2222, 8.1327



20.4367, 15.2222, 3.2329

Triad

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



24.3615, 15.2222, 8.1327



8.3320, 15.2222, 5.5633



13.5485, 15.2222, 57.7816

Complementary

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



24.3615, 15.2222, 8.1327



28.9351, 41.2872, 50.1644

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.



9.7922, 15.2222, 47.4629



24.3615, 15.2222, 8.1327



7.2281, 15.2222, 14.0256

Square

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



24.3615, 15.2222, 8.1327



11.1016, 15.2222, 2.4094



7.6982, 15.2222, 29.4546



18.4549, 15.2222, 53.1009

Rectangle

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



24.3615, 15.2222, 8.1327



17.0951, 15.2222, 2.0836



7.6982, 15.2222, 29.4546



12.1253, 15.2222, 55.8325

Sweetspot

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



24.3619, 15.2231, 8.1329



69.2423, 64.4089, 64.3121



29.9105, 17.1526, 50.4491



14.7022, 13.3991, 13.1498



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.



24.3619, 15.2231, 8.1329



40.6902, 22.6821, 7.3879



28.5610, 24.0719, 8.1434



9.5573, 9.5472, 10.0576



14.1828, 7.3043, 0.9904



0.5652, 0.2900, 0.0894

Inverse Universe

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



24.3619, 15.2231, 8.1329



40.6902, 22.6821, 7.3879



20.5517, 22.9958, 52.0702



9.5573, 9.5472, 10.0576



14.1828, 7.3043, 0.9904



0.5652, 0.2900, 0.0894

Previews

White Background



This preview shows how the XYZ color 24.3615, 15.2222, 8.1327 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 24.3615, 15.2222, 8.1327 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 24.3615, 15.2222, 8.1327

Background



This preview shows how black text looks on a background with the XYZ color 24.3615, 15.2222, 8.1327.



This preview shows how white text looks on a background with the XYZ color 24.3615, 15.2222,

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

24.3615, 15.2222, 8.1327

Protanopia

14.5147, 15.3724, 12.5581

Deuteranopia

15.6107, 15.4260, 7.6236



Tritanopia

24.2889, 15.2858, 7.4646

Trichromacy



Original Color

24.3615, 15.2222, 8.1327

Protanomaly

16.7494, 14.2514, 10.6721

Deuteranomaly

17.8985, 14.5268, 7.6550

Tritanomaly

24.3208, 15.2985, 7.6323

Monochromacy



Original Color

24.3615, 15.2222, 8.1327

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

15.4958, 13.0684, 11.8309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3615, 15.2222, 8.1327 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(190, 65, 74)` looks like.

```
.text, #text, p{  
    color:rgb(190, 65, 74)  
}
```

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(190, 65, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 65, 74) }
```

Border

The CSS property to change the border of an element to XYZ 24.3615, 15.2222, 8.1327 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(190, 65, 74) }
```


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

```
.border{ border-color:rgb(190, 65, 74) }
```

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

Here you see how a box with a 4 pixel rgb(190, 65, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 65, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 65, 74);  
box-shadow:4px 4px 4px 4px rgb(190, 65,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3615, 15.2222, 8.1327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 65, 74) }
```

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

```
.background{ background-color: rgb(190, 65,  
74) }
```

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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