

Converting Colors

XYZ(28.4011, 23.5132, 15.6986)

Have a look what the booklet for
XYZ(28.4011, 23.5132, 15.6986)
contains.

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Color

**XYZ(28.2962, 23.4111,
15.5978)**

Conversions

Conversions Part 1

Format	Color
Hex	B87366
RGB	184, 115, 102
RGB Percent	72%, 45%, 40%
CMY	0.2784, 0.5490, 0.6000
CMYK	0.00, 0.37, 0.45, 0.28
HSL	10°, 37%, 56%
HSV	10°, 45%, 72%
XYZ	28.2962, 23.4111, 15.5978
YIQ	134.1490, 45.2970, 10.5850

Conversions

Conversions Part 2

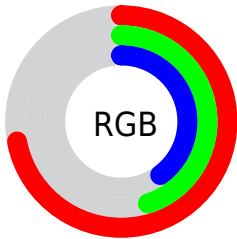
Format	Color
RYB	184, 117, 102
Decimal	12088166
CIELab	55.49, 25.70, 18.62
CIElCh	55, 31.735, 35.917
Yxy	23.4111, 0.4204, 0.3478
Android (android.graphics.Color)	4290278246 (0xFFB87366)
YUV	134.1490, -15.8495, 43.7193
Hunter-Lab	48.3850, 19.7154, 14.7563

Details

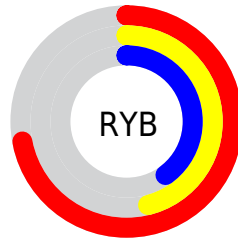
The XYZ color **28.2962, 23.4111, 15.5978** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.6935, 35.4099, 50.6699**, and the grayscale version is **22.7601, 23.9454, 26.0766**.

A 20% lighter version of the original color is **56.3704, 49.1824, 36.6591**, and **11.5399, 8.7615, 4.6973** is the 20% darker color. If you saturate the color by 10%, you get **25.8634, 19.8473, 10.7736**, and if you desaturate by 10%, it is **31.2293, 27.6513, 21.5884**.

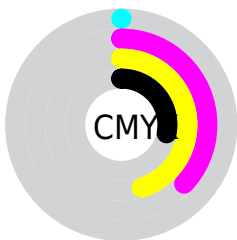
Distribution



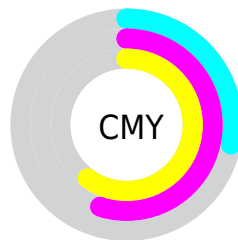
- Red (72%)
- Green (45%)
- Blue (40%)



- Red (72%)
- Yellow (46%)
- Blue (40%)



- Cyan (0%)
- Magenta (37%)
- Yellow (45%)
- Black (28%)




- Cyan (28%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2962, 23.4111, 15.5978 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 28.2962, 23.4111, 15.5978 by changing the saturation by 10% instead.

 28.2962, 23.4111,
15.5978

 28.2962, 23.4111,
15.5978


285.9341,
269.8295, 238.7207


 18.6907, 14.8974,
9.0887


 56.3623, 49.0675,
36.6556

 11.5496, 8.7474,
4.7015


 75.5536, 66.9789,
52.0413

 6.5078, 4.5768,
2.0176


 98.6709, 88.7917,
71.2231

 3.1998, 2.0012,
0.5660

 126.0795,
114.8902, 94.6194

 1.2603, 0.6081,
0.0000

158.1447,
145.6588, 122.6488

 0.1532, 0.0000,
0.0000

195.2320,

 0.0000, 0.0000,

181.4820, 155.7298

0.0000

237.7067,
222.7441, 194.2809

■ 28.2962, 23.4111,
15.5978

■ 28.2962, 23.4111,
15.5978

■ 25.8634, 19.8473,
10.7736

■ 31.2293, 27.6513,
21.5884

■ 23.9006, 16.9213,
7.0380

■ 34.6869, 32.5968,
28.8136

■ 22.3773, 14.5961,
4.3062


■ 38.6940, 38.2792,
37.3376


■ 21.2582, 12.8293,
2.4798


■ 43.2731, 44.7270,
47.2201


■ 20.5022, 11.5727,
1.4404


■ 48.4458, 51.9672,
58.5169

 20.2110, 11.0779,
1.0730

 54.2323, 60.0257,
71.2807

 60.6520, 68.9268,
85.5616

 67.7233, 78.6942,
101.4071

 73.3680, 88.5120,
107.8254

Harmonies

Analogous

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



29.8138, 23.4111, 23.5144



28.2962, 23.4111, 15.5978



25.1762, 23.4111, 11.4101

Triad

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



28.2962, 23.4111, 15.5978



16.5470, 23.4111, 18.2713



22.9678, 23.4111, 50.5168

Complementary

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



28.2962, 23.4111, 15.5978



28.6935, 35.4099, 50.6699

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.



19.5626, 23.4111, 48.0209



28.2962, 23.4111, 15.5978



16.0902, 23.4111, 27.5748

Square

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



28.2962, 23.4111, 15.5978



18.4576, 23.4111, 12.6395



17.1356, 23.4111, 38.8722



26.5328, 23.4111, 44.9909

Rectangle

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



28.2962, 23.4111, 15.5978



22.7446, 23.4111, 10.4640



17.1356, 23.4111, 38.8722



21.7657, 23.4111, 50.6036

Sweetspot

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



28.2968, 23.4123, 15.5982



71.2004, 70.8841, 69.9521



31.9363, 22.6603, 41.5696



14.9796, 14.7589, 14.2876



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.2968, 23.4123, 15.5982



47.1559, 36.3793, 20.0588



33.9369, 34.6925, 17.4783



9.1166, 9.2361, 9.4092



13.9639, 7.7043, 0.7511



0.5285, 0.3441, 0.0386

Inverse Universe

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



28.6935, 35.4099, 50.6699



47.9260, 60.7137, 91.3976



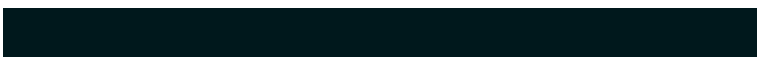
22.2075, 22.4378, 48.5079



9.1421, 9.9615, 11.5204



14.0632, 18.5860, 34.0993



0.5287, 0.7210, 1.2131

Previews

White Background



This preview shows how the XYZ color 28.2962, 23.4111, 15.5978 looks on a white 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

Black Background



This preview shows how the XYZ color 28.2962, 23.4111, 15.5978 looks on a black 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

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

XYZ 28.2962, 23.4111, 15.5978

Background



This preview shows how black text looks on a background with the XYZ color 28.2962, 23.4111, 15.5978.



This preview shows how white text looks on a background with the XYZ color 28.2962, 23.4111, 15.5978.

15.5978.

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

28.2962, 23.4111, 15.5978

Protanopia

22.1865, 23.5636, 18.1307

Deuteranopia

23.9240, 23.5265, 15.3367



Tritanopia

29.4951, 23.4079, 21.0528

Trichromacy



Original Color

28.2962, 23.4111, 15.5978

Protanomaly

24.0193, 23.1513, 17.1126

Deuteranomaly

25.3683, 23.3210, 15.4763

Tritanomaly

28.9500, 23.3394, 18.8987

Monochromacy



Original Color

28.2962, 23.4111, 15.5978

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.0511, 23.2593, 21.6342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2962, 23.4111, 15.5978 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(184, 115, 102)` looks like.

```
.text, #text, p{  
    color:rgb(184, 115, 102)  
}
```

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(184, 115, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 115, 102) }
```

Border

The CSS property to change the border of an element to XYZ 28.2962, 23.4111, 15.5978 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(184, 115, 102) }
```


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

```
.border{ border-color:rgb(184, 115, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 115, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 115, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 115, 102);  
box-shadow:4px 4px 4px 4px rgb(184, 115,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2962, 23.4111, 15.5978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 115, 102) }
```

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

```
.background{ background-color: rgb(184,  
115, 102) }
```

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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