

Converting Colors

XYZ(25.0182, 19.4162, 12.3272)

Have a look what the booklet for
XYZ(25.0182, 19.4162, 12.3272)
contains.

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Color

**XYZ(25.0359, 19.4534,
12.3329)**

Conversions

Conversions Part 1

Format	Color
Hex	B3645B
RGB	179, 100, 91
RGB Percent	70%, 39%, 36%
CMY	0.2980, 0.6078, 0.6431
CMYK	0.00, 0.44, 0.49, 0.30
HSL	6°, 37%, 53%
HSV	6°, 49%, 70%
XYZ	25.0359, 19.4534, 12.3329
YIQ	122.5950, 49.9730, 13.9490

Conversions

Conversions Part 2

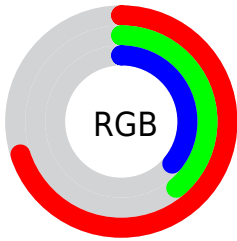
Format	Color
R_{YB}	179, 101, 91
Decimal	11756635
CIE Lab	51.21, 30.80, 19.12
CIE LCh	51, 36.250, 31.828
Yxy	19.4534, 0.4406, 0.3424
Android (android.graphics.Color)	4289946715 (0xFFB3645B)
YUV	122.5950, -15.5763, 49.4672
Hunter-Lab	44.1060, 24.1365, 14.2956

Details

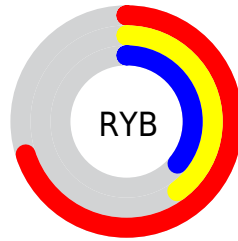
The XYZ color **25.0359, 19.4534, 12.3329** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.8250, 34.2265, 47.8402**, and the grayscale version is **18.7321, 19.7076, 21.4616**.

A 20% lighter version of the original color is **51.2959, 42.5567, 30.7100**, and **9.8259, 6.7681, 3.2711** is the 20% darker color. If you saturate the color by 10%, you get **22.9617, 16.3969, 8.2756**, and if you desaturate by 10%, it is **27.5992, 23.1935, 17.4622**.

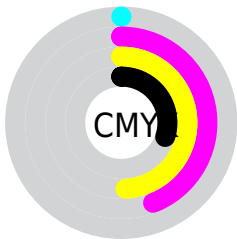
Distribution



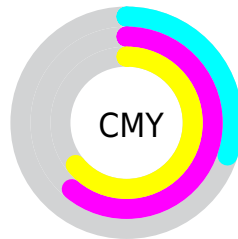
- Red (70%)
- Green (39%)
- Blue (36%)



- Red (70%)
- Yellow (40%)
- Blue (36%)



- Cyan (0%)
- Magenta (44%)
- Yellow (49%)
- Black (30%)



- Cyan (30%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0359, 19.4534, 12.3329 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 25.0359, 19.4534, 12.3329 by changing the saturation by 10% instead.

■ 25.0359, 19.4534,
12.3329

■ 25.0359, 19.4534,
12.3329

270.3610,
248.9405, 217.6524

■ 16.2327, 11.9983,
6.8455

■ 51.1579, 42.4988,
30.7734

■ 9.7808, 6.7426,
3.2887

■ 69.2074, 58.8580,
44.5636

■ 5.3150, 3.3016,
1.2439

■ 91.0698, 78.9541,
61.9585

■ 2.4699, 1.2912,
0.0151

■ 117.1103,
103.1713, 83.3767

■ 0.8801, 0.1343,
0.0000

147.6943,
131.8942, 109.2366

■ 0.0000, 0.0000,
0.0000

183.1872,

165.5071, 139.9568

223.9543,
204.3944, 175.9559

■ 25.0359, 19.4534,
12.3329

■ 25.0359, 19.4534,
12.3329

■ 22.9617, 16.3969,
8.2756

■ 27.5992, 23.1935,
17.4622

■ 21.3439, 13.9798,
5.2132

■ 30.6787, 27.6519,
23.7311

■ 20.1481, 12.1573,
3.0598


■ 34.3011, 32.8647,
31.2029

■ 19.3341, 10.8777,
1.7148


■ 38.4909, 38.8646,
39.9360


■ 18.8428, 10.0755,
0.9947

■ 43.2711, 45.6823,
49.9849

 18.8118, 10.0266,
0.9438

 48.6635, 53.3470,
61.4009

 54.6886, 61.8864,
74.2327

 61.3661, 71.3269,
88.5263

 68.7147, 81.6938,
104.3260

Harmonies

Analogous

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



26.3306, 19.4534, 20.5536



25.0359, 19.4534, 12.3329



21.9640, 19.4534, 8.0467

Triad

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



25.0359, 19.4534, 12.3329



13.0216, 19.4534, 13.1148



18.7122, 19.4534, 47.9073

Complementary

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



25.0359, 19.4534, 12.3329



26.8250, 34.2265, 47.8402

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.



15.4029, 19.4534, 43.9800



25.0359, 19.4534, 12.3329



12.3842, 19.4534, 21.8220

Square

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



25.0359, 19.4534, 12.3329



15.0658, 19.4534, 8.3839



13.1976, 19.4534, 33.4886



22.3970, 19.4534, 42.9559

Rectangle

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



25.0359, 19.4534, 12.3329



19.4940, 19.4534, 6.9694



13.1976, 19.4534, 33.4886



17.5208, 19.4534, 47.5778

Sweetspot

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



25.0364, 19.4544, 12.3333



64.2418, 62.8886, 61.7219



29.6061, 19.9759, 40.4247



13.8966, 13.4510, 12.9752



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.0364, 19.4544, 12.3333



40.8515, 28.9622, 14.2971



30.4217, 30.2251, 14.1284



8.5640, 8.6406, 8.8690



13.3171, 7.1328, 0.6749



0.4417, 0.2697, 0.0288

Inverse Universe

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



26.8250, 34.2265, 47.8402



44.3885, 58.4334, 85.3204



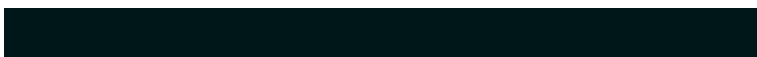
19.9376, 20.4519, 45.5444



8.6669, 9.4800, 10.8794



14.7445, 20.2893, 33.2761



0.4851, 0.6808, 1.0541

Previews

White Background



This preview shows how the XYZ color 25.0359, 19.4534, 12.3329 looks on a white background.

Color Contrast Check

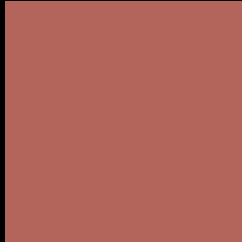
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0359, 19.4534, 12.3329 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 25.0359, 19.4534, 12.3329

Background



This preview shows how black text looks on a background with the XYZ color 25.0359, 19.4534, 12.3329.



This preview shows how white text looks on a background with the XYZ color 25.0359, 19.4534,

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

25.0359, 19.4534, 12.3329

Protanopia

18.3618, 19.5258, 15.1130

Deuteranopia

19.7998, 19.4469, 11.9426



Tritanopia

25.7399, 19.4586, 15.7638

Trichromacy



Original Color

25.0359, 19.4534, 12.3329

Protanomaly

20.2076, 19.1007, 13.9310

Deuteranomaly

21.3922, 19.2582, 12.0409

Tritanomaly

25.5845, 19.5471, 14.4811

Monochromacy



Original Color

25.0359, 19.4534, 12.3329

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.3277, 19.2488, 17.6829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0359, 19.4534, 12.3329 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(179, 100, 91)` looks like.

```
.text, #text, p{  
    color:rgb(179, 100, 91)  
}
```

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(179, 100, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 100, 91) }
```

Border

The CSS property to change the border of an element to XYZ 25.0359, 19.4534, 12.3329 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(179, 100, 91) }
```


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

```
.border{ border-color:rgb(179, 100, 91) }
```

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

Here you see how a box with a 4 pixel rgb(179, 100, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 100, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 100, 91);  
box-shadow:4px 4px 4px 4px rgb(179, 100,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0359, 19.4534, 12.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 100, 91) }
```

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

```
.background{ background-color: rgb(179,  
100, 91) }
```

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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