

Converting Colors

XYZ(25.0293, 17.1508, 8.0071)

Have a look what the booklet for
XYZ(25.0293, 17.1508, 8.0071)
contains.

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Color

**XYZ(25.0660, 17.1586,
7.9521)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5147
RGB	189, 81, 71
RGB Percent	74%, 32%, 28%
CMY	0.2588, 0.6823, 0.7216
CMYK	0.00, 0.57, 0.62, 0.26
HSL	5°, 47%, 51%
HSV	5°, 62%, 74%
XYZ	25.0660, 17.1586, 7.9521
YIQ	112.1520, 67.5780, 19.7860

Conversions

Conversions Part 2

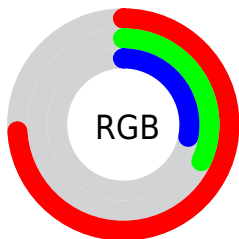
Format	Color
R_{YB}	189, 82, 71
Decimal	12407111
CIE _{Lab}	48.46, 42.80, 27.54
CIE _{LCh}	48, 50.893, 32.757
Yxy	17.1586, 0.4996, 0.3420
Android (android.graphics.Color)	4290597191 (0xFFBD5147)
YUV	112.1520, -20.2879, 67.3957
Hunter-Lab	41.4229, 35.5244, 17.6140

Details

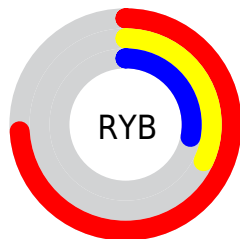
The XYZ color **25.0660, 17.1586, 7.9521** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.9027, 37.2514, 53.8634**, and the grayscale version is **15.4902, 16.2969, 17.7473**.

A 20% lighter version of the original color is **51.3396, 38.7303, 22.5391**, and **9.8190, 5.6555, 1.6110** is the 20% darker color. If you saturate the color by 10%, you get **23.4253, 14.7017, 4.8638**, and if you desaturate by 10%, it is **27.2236, 20.3476, 12.1434**.

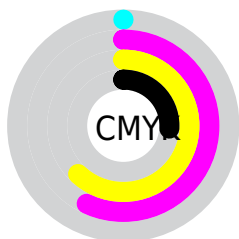
Distribution



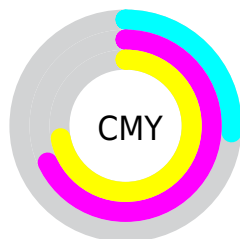
- Red (74%)
- Green (32%)
- Blue (28%)



- Red (74%)
- Yellow (32%)
- Blue (28%)



- Cyan (0%)
- Magenta (57%)
- Yellow (62%)
- Black (26%)



- Cyan (26%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0660, 17.1586, 7.9521 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 25.0660, 17.1586, 7.9521 by changing the saturation by 10% instead.

■ 25.0660, 17.1586,
7.9521

■ 25.0660, 17.1586,
7.9521

270.5080,
236.0847, 185.2764

■ 16.2552, 10.3476,
3.9770

■ 51.2064, 38.5983,
22.4091

■ 9.7969, 5.6301,
1.6127

■ 69.2667, 53.9957,
33.7281

■ 5.3258, 2.6215,
0.2999

■ 91.1410, 73.0242,
48.3321

■ 2.4763, 0.9375,
0.0000

■ 117.1944, 96.0680,
66.6396

■ 0.8833, 0.0000,
0.0000

■ 147.7925,
123.5116, 89.0693

■ 0.0000, 0.0000,
0.0000

183.3006,

155.7393, 116.0396

224.0840,
193.1355, 147.9691

■ 25.0660, 17.1586,
7.9521

■ 25.0660, 17.1586,
7.9521

■ 23.4253, 14.7017,
4.8638

■ 27.2236, 20.3476,
12.1434

■ 22.2566, 12.9160,
2.7736

■ 29.9353, 24.3177,
17.5279

■ 21.5096, 11.7356,
1.5578

■ 33.2364, 29.1167,
24.1873

■ 21.1718, 11.1901,
1.0440

■ 37.1589, 34.7881,
32.1961

■ 41.7326, 41.3722,
41.6228

■ 46.9851, 48.9067,
52.5315

■ 52.9427, 57.4272,
64.9821

■ 59.6300, 66.9677,
79.0315

■ 67.0707, 77.5604,
94.7335

Harmonies

Analogous

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



26.9979, 17.1586, 17.4751



25.0660, 17.1586, 7.9521



20.7647, 17.1586, 3.8933

Triad

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



25.0660, 17.1586, 7.9521



9.5681, 17.1586, 9.2246



16.7437, 17.1586, 57.8332

Complementary

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



25.0660, 17.1586, 7.9521



27.9027, 37.2514, 53.8634

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.



12.5407, 17.1586, 52.0533



25.0660, 17.1586, 7.9521



8.8951, 17.1586, 19.9449

Square

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



25.0660, 17.1586, 7.9521



11.9243, 17.1586, 4.3436



9.8734, 17.1586, 36.2955



21.6543, 17.1586, 49.6466

Rectangle

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



25.0660, 17.1586, 7.9521



17.4649, 17.1586, 3.0364



9.8734, 17.1586, 36.2955



15.2048, 17.1586, 57.4622

Sweetspot

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



25.0664, 17.1595, 7.9524



68.9878, 65.8171, 62.6683



31.3929, 18.5868, 44.6690



14.3554, 13.4616, 12.4898



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.0664, 17.1595, 7.9524



41.0718, 24.9910, 7.1022



31.4772, 29.9812, 10.0893



9.5935, 9.6629, 9.9361



14.2694, 7.5776, 0.7105



0.5813, 0.3415, 0.0353

Inverse Universe

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



27.9027, 37.2514, 53.8634



46.4712, 63.7457, 96.0811



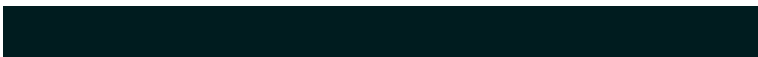
18.5204, 18.4869, 50.7360



9.7375, 10.6674, 12.2180



16.2589, 22.6295, 35.9039



0.6575, 0.9276, 1.4132

Previews

White Background



This preview shows how the XYZ color 25.0660, 17.1586, 7.9521 looks on a white background.

Color Contrast Check

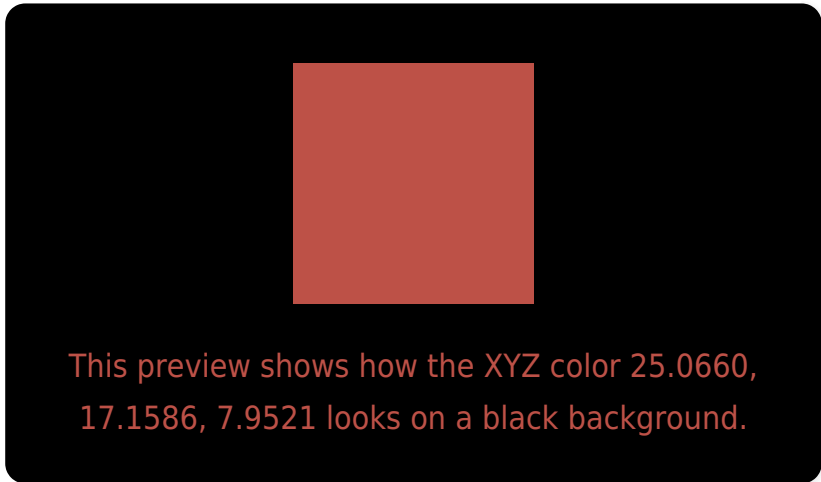
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 25.0660, 17.1586, 7.9521

Background



This preview shows how black text looks on a background with the XYZ color 25.0660, 17.1586, 7.9521.



This preview shows how white text looks on a background with the XYZ color 25.0660, 17.1586,

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

25.0660, 17.1586, 7.9521

Protanopia

16.1973, 17.4317, 11.1053

Deuteranopia

17.5438, 17.2079, 7.5511



Tritanopia

25.6314, 17.1792, 10.3525

Trichromacy



Original Color

25.0660, 17.1586, 7.9521

Protanomaly

18.5110, 16.5756, 9.8132

Deuteranomaly

19.6058, 16.6101, 7.6416

Tritanomaly

25.5151, 17.2490, 9.3817

Monochromacy



Original Color

25.0660, 17.1586, 7.9521

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.6266, 15.7459, 13.4195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0660, 17.1586, 7.9521 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(189, 81, 71)` looks like.

```
.text, #text, p{  
    color:rgb(189, 81, 71)  
}
```

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(189, 81, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 81, 71) }
```

Border

The CSS property to change the border of an element to XYZ 25.0660, 17.1586, 7.9521 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(189, 81, 71) }
```


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

```
.border{ border-color:rgb(189, 81, 71) }
```

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

Here you see how a box with a 4 pixel rgb(189, 81, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 81, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 81, 71);  
box-shadow:4px 4px 4px 4px rgb(189, 81,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0660, 17.1586, 7.9521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 81, 71) }
```

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

```
.background{ background-color: rgb(189, 81,  
71) }
```

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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