

Converting Colors

XYZ(24.6978, 17.3565, 7.7238)

Have a look what the booklet for
XYZ(24.6978, 17.3565, 7.7238)
contains.

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Color

**XYZ(24.7380, 17.3351,
7.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5445
RGB	187, 84, 69
RGB Percent	73%, 33%, 27%
CMY	0.2667, 0.6706, 0.7294
CMYK	0.00, 0.55, 0.63, 0.27
HSL	8°, 46%, 50%
HSV	8°, 63%, 73%
XYZ	24.7380, 17.3351, 7.6724
YIQ	113.0870, 66.2030, 17.1710

Conversions

Conversions Part 2

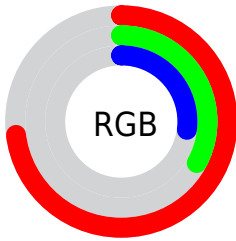
Format	Color
RYB	187, 86, 69
Decimal	12276805
CIELab	48.68, 40.45, 28.91
CIELCh	49, 49.714, 35.556
Yxy	17.3351, 0.4973, 0.3485
Android (android.graphics.Color)	4290466885 (0xFFBB5445)
YUV	113.0870, -21.7349, 64.8217
Hunter-Lab	41.6354, 33.1950, 18.2191

Details

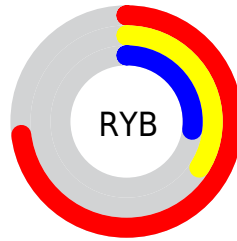
The XYZ color **24.7380, 17.3351, 7.6724** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.1753, 34.3558, 52.2652**, and the grayscale version is **15.7712, 16.5925, 18.0692**.

A 20% lighter version of the original color is **50.7856, 38.8728, 21.9660**, and **9.5941, 5.6924, 1.5128** is the 20% darker color. If you saturate the color by 10%, you get **23.1237, 14.8938, 4.7078**, and if you desaturate by 10%, it is **26.8312, 20.4418, 11.6992**.

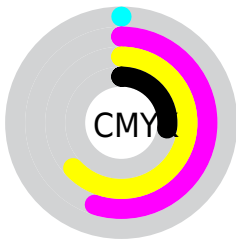
Distribution



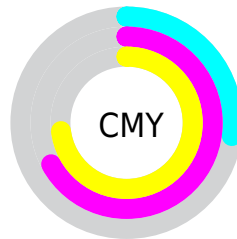
- Red (73%)
- Green (33%)
- Blue (27%)



- Red (73%)
- Yellow (34%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (63%)
- Black (27%)





- Cyan (27%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7380, 17.3351, 7.6724 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 24.7380, 17.3351, 7.6724 by changing the saturation by 10% instead.


 24.7380, 17.3351,
7.6724


 24.7380, 17.3351,
7.6724


268.9024,
237.0961, 182.9770


 16.0097, 10.4737,
3.8013


 50.6778, 38.9010,
21.8491


 9.6219, 5.7141,
1.5170


 68.6200, 54.3744,
32.9919

 5.2093, 2.6721,
0.2305

 90.3642, 73.4871,
47.3955

 2.4066, 0.9630,
0.0000

 116.2757, 96.6237,
65.4787

 0.8484, 0.0000,
0.0000

 146.7199,
124.1685, 87.6599

 0.0000, 0.0000,
0.0000

182.0622,

156.5059, 114.3576

222.6679,
194.0203, 145.9905

■ 24.7380, 17.3351,
7.6724

■ 24.7380, 17.3351,
7.6724

■ 23.1237, 14.8938,
4.7078

■ 26.8312, 20.4418,
11.6992

■ 21.9484, 13.0663,
2.7035

■ 29.4364, 24.2549,
16.8754

■ 21.1676, 11.7980,
1.5390

■ 32.5852, 28.8154,
23.2803

■ 20.8155, 11.2090,
1.0664

■ 36.3062, 34.1603,
30.9858

■ 40.6261, 40.3242,
40.0583

■ 45.5697, 47.3397,
50.5597

■ 51.1606, 55.2373,
62.5480

■ 57.4211, 64.0464,
76.0781

■ 64.3724, 73.7947,
91.2021

Harmonies

Analogous

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



26.8986, 17.3351, 16.5350



24.7380, 17.3351, 7.6724



20.3997, 17.3351, 3.9590

Triad

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



24.7380, 17.3351, 7.6724



9.6844, 17.3351, 10.2376



17.3447, 17.3351, 56.7970

Complementary

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



24.7380, 17.3351, 7.6724



26.1753, 34.3558, 52.2652

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.



13.0916, 17.3351, 52.4442



24.7380, 17.3351, 7.6724



9.1685, 17.3351, 21.4260

Square

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



24.7380, 17.3351, 7.6724



11.8641, 17.3351, 4.8860



10.2956, 17.3351, 37.6881



22.1518, 17.3351, 47.7607

Rectangle

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



24.7380, 17.3351, 7.6724



17.1690, 17.3351, 3.2361



10.2956, 17.3351, 37.6881



15.8029, 17.3351, 56.8861

Sweetspot

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



24.7384, 17.3360, 7.6727



67.8313, 65.1938, 61.3660



30.1870, 17.8472, 41.5073



14.4659, 13.6827, 12.5267



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.



24.7384, 17.3360, 7.6727



40.4548, 25.1958, 6.7528



31.2059, 30.2711, 9.8285



9.6254, 9.7267, 9.9468



14.3722, 7.7833, 0.7448



0.5953, 0.3696, 0.0400

Inverse Universe

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



26.1753, 34.3558, 52.2652



43.1068, 57.9078, 93.1068



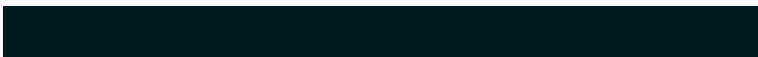
17.4676, 16.9405, 49.3626



9.7023, 10.5969, 12.2062



15.2679, 20.6476, 35.5736



0.6274, 0.8674, 1.4032

Previews

White Background



This preview shows how the XYZ color 24.7380, 17.3351, 7.6724 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 24.7380, 17.3351, 7.6724 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 24.7380, 17.3351, 7.6724

Background



This preview shows how black text looks on a background with the XYZ color 24.7380, 17.3351, 7.6724.



This preview shows how white text looks on a background with the XYZ color 24.7380, 17.3351,

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

24.7380, 17.3351, 7.6724

Protanopia

16.1880, 17.4448, 10.2986

Deuteranopia

17.7652, 17.4898, 7.2900



Tritanopia

25.4766, 17.4141, 11.0353

Trichromacy



Original Color

24.7380, 17.3351, 7.6724

Protanomaly

18.5026, 16.7324, 9.2757

Deuteranomaly

19.7376, 16.9698, 7.3895

Tritanomaly

25.2803, 17.4571, 9.6266

Monochromacy



Original Color

24.7380, 17.3351, 7.6724

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.7243, 15.9413, 13.4521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7380, 17.3351, 7.6724 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(187, 84, 69)` looks like.

```
.text, #text, p{  
    color:rgb(187, 84, 69)  
}
```

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(187, 84, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 84, 69) }
```

Border

The CSS property to change the border of an element to XYZ 24.7380, 17.3351, 7.6724 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(187, 84, 69) }
```


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

```
.border{ border-color:rgb(187, 84, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 84, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 84, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 84, 69);  
box-shadow:4px 4px 4px 4px rgb(187, 84,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7380, 17.3351, 7.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 84, 69) }
```

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

```
.background{ background-color: rgb(187, 84,  
69) }
```

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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