

Converting Colors

XYZ(24.2645, 19.7473, 7.5337)

Have a look what the booklet for
XYZ(24.2645, 19.7473, 7.5337)
contains.

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Color

**XYZ(24.2645, 19.7473,
7.5337)**

Conversions

Conversions Part 1

Format	Color
Hex	B26841
RGB	178, 104, 65
RGB Percent	70%, 41%, 25%
CMY	0.3020, 0.5921, 0.7451
CMYK	0.00, 0.42, 0.63, 0.30
HSL	21°, 47%, 48%
HSV	21°, 63%, 70%
XYZ	24.2645, 19.7473, 7.5337
YIQ	121.6800, 56.6230, 3.5590

Conversions

Conversions Part 2

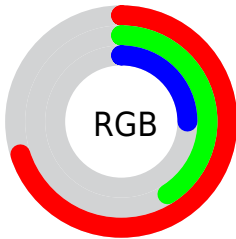
Format	Color
R_{YB}	178, 125, 65
Decimal	11692097
CIE _{Lab}	51.55, 26.02, 34.36
CIE _{LCh}	52, 43.101, 52.862
Yxy	19.7473, 0.4707, 0.3831
Android (android.graphics.Color)	4289882177 (0xFFB26841)
YUV	121.6800, -27.9432, 49.3926
Hunter-Lab	44.4379, 19.7002, 21.0549

Details

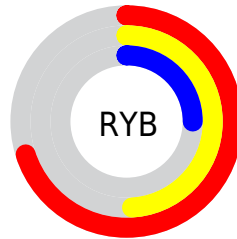
The XYZ color **24.2645, 19.7473, 7.5337** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **19.4476, 22.8018, 45.4953**, and the grayscale version is **18.4701, 19.4320, 21.1614**.

A 20% lighter version of the original color is **49.8508, 42.9964, 21.5913**, and **9.4169, 6.9403, 1.4594** is the 20% darker color. If you saturate the color by 10%, you get **22.7346, 17.3868, 4.8684**, and if you desaturate by 10%, it is **26.1200, 22.4992, 11.1095**.

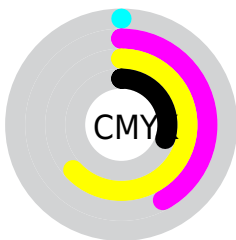
Distribution



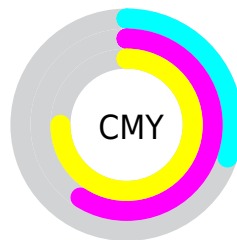
- Red (70%)
- Green (41%)
- Blue (25%)



- Red (70%)
- Yellow (49%)
- Blue (25%)



- Cyan (0%)
- Magenta (42%)
- Yellow (63%)
- Black (30%)



- Cyan (30%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2645, 19.7473, 7.5337 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 24.2645, 19.7473, 7.5337 by changing the saturation by 10% instead.

■ 24.2645, 19.7473,
7.5337

■ 24.2645, 19.7473,
7.5337

266.5707,
250.5438, 181.8233

■ 15.6557, 12.2115,
3.7146

■ 49.9130, 42.9931,
21.5700

■ 9.3702, 6.8879,
1.4701

■ 67.6835, 59.4719,
32.6242

■ 5.0424, 3.3921,
0.1955

■ 89.2386, 79.7005,
46.9273

■ 2.3072, 1.3397,
0.0000

■ 114.9436,
104.0632, 64.8976

■ 0.7983, 0.1716,
0.0000

■ 145.1640,
132.9445, 86.9539

■ 0.0000, 0.0000,
0.0000

■ 180.2651,

166.7288, 113.5145

220.6122,
205.8004, 144.9982

■ 24.2645, 19.7473,
7.5337

■ 24.2645, 19.7473,
7.5337

■ 22.7346, 17.3868,
4.8684

■ 26.1200, 22.4992,
11.1095

■ 21.5064, 15.3951,
3.0266

■ 28.3198, 25.6575,
15.6694

■ 20.5544, 13.7514,
1.9061

■ 30.8825, 29.2398,
21.2808

■ 20.0523, 12.8497,
1.4234

■ 33.8251, 33.2620,
28.0048

■ 37.1632, 37.7390,
35.8977

■ 40.9116, 42.6847,
45.0120

■ 45.0844, 48.1129,
55.3970

■ 49.6948, 54.0363,
67.0992

■ 54.7556, 60.4675,
80.1629

Harmonies

Analogous

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



27.5447, 19.7473, 13.4966



24.2645, 19.7473, 7.5337



19.8241, 19.7473, 5.4483

Triad

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



24.2645, 19.7473, 7.5337



11.6540, 19.7473, 18.6697



22.1974, 19.7473, 51.8503

Complementary

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



24.2645, 19.7473, 7.5337



19.4476, 22.8018, 45.4953

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.



17.7525, 19.7473, 54.9497



24.2645, 19.7473, 7.5337



12.0889, 19.7473, 32.1732

Square

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



24.2645, 19.7473, 7.5337



12.8778, 19.7473, 10.0698



14.1734, 19.7473, 46.6973



26.2288, 19.7473, 39.3729

Rectangle

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



24.2645, 19.7473, 7.5337



16.9742, 19.7473, 5.6158



14.1734, 19.7473, 46.6973



20.6865, 19.7473, 54.1795

Sweetspot

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



24.2650, 19.7483, 7.5341



63.7661, 63.5899, 56.4679



25.0085, 15.1489, 26.5458



13.7578, 13.5906, 11.6428



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.



24.2650, 19.7483, 7.5341



40.3122, 30.0687, 7.3812



31.7408, 34.7000, 10.0260



8.7283, 8.9690, 8.9237



14.4014, 9.3015, 1.0363



0.5089, 0.4042, 0.0512

Inverse Universe

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



19.4476, 22.8018, 45.4953



30.7822, 35.8528, 81.6791



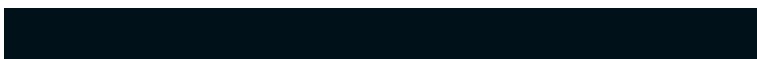
13.3733, 10.6531, 43.4705



8.4908, 9.1278, 10.8207



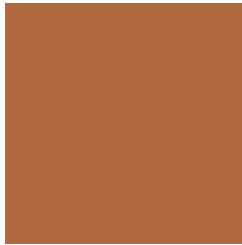
10.3249, 11.4502, 31.8029



0.3767, 0.4640, 1.0179

Previews

White Background



This preview shows how the XYZ color 24.2645, 19.7473, 7.5337 looks on a white background.

Color Contrast Check

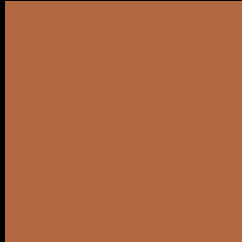
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2645, 19.7473, 7.5337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

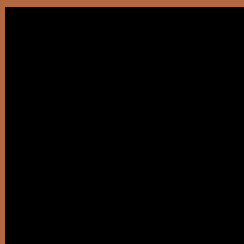
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2645, 19.7473, 7.5337

Background



This preview shows how black text looks on a background with the XYZ color 24.2645, 19.7473, 7.5337.



This preview shows how white text looks on a background with the XYZ color 24.2645, 19.7473,

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

24.2645, 19.7473, 7.5337

Protanopia

18.2443, 19.7847, 8.9881

Deuteranopia

20.1797, 19.7458, 7.3052



Tritanopia

26.1194, 19.7880, 16.0785

Trichromacy



Original Color

24.2645, 19.7473, 7.5337

Protanomaly

20.0821, 19.4998, 8.3356

Deuteranomaly

21.3893, 19.5243, 7.3439

Tritanomaly

25.3644, 19.7660, 12.3759

Monochromacy



Original Color

24.2645, 19.7473, 7.5337

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.6350, 18.9518, 14.9351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2645, 19.7473, 7.5337 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(178, 104, 65)` looks like.

```
.text, #text, p{  
    color:rgb(178, 104, 65)  
}
```

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(178, 104, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 104, 65) }
```

Border

The CSS property to change the border of an element to XYZ 24.2645, 19.7473, 7.5337 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(178, 104, 65) }
```


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

```
.border{ border-color:rgb(178, 104, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 104, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 104, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 104, 65);  
box-shadow:4px 4px 4px 4px rgb(178, 104,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2645, 19.7473, 7.5337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 104, 65) }
```

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

```
.background{ background-color: rgb(178,  
104, 65) }
```

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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