

Converting Colors

XYZ(26.5648, 23.7942, 5.4781)

Have a look what the booklet for
XYZ(26.5648, 23.7942, 5.4781)
contains.

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Color

**XYZ(26.5648, 23.7942,
5.4781)**

Conversions

Conversions Part 1

Format	Color
Hex	B6792B
RGB	182, 121, 43
RGB Percent	71%, 47%, 17%
CMY	0.2863, 0.5255, 0.8314
CMYK	0.00, 0.34, 0.76, 0.29
HSL	34°, 62%, 44%
HSV	34°, 76%, 71%
XYZ	26.5648, 23.7942, 5.4781
YIQ	130.3470, 61.3940, -11.3260

Conversions

Conversions Part 2

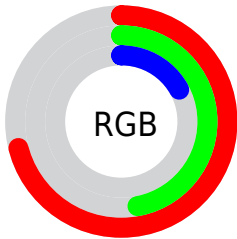
Format	Color
R_{YB}	152, 182, 43
Decimal	11958571
CIE _{Lab}	55.88, 17.08, 50.10
CIE _{LCh}	56, 52.930, 71.179
Yxy	23.7942, 0.4758, 0.4261
Android (android.graphics.Color)	4290148651 (0xFFB6792B)
YUV	130.3470, -43.0621, 45.2997
Hunter-Lab	48.7793, 11.8458, 27.4870

Details

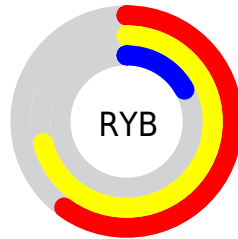
The XYZ color **26.5648, 23.7942, 5.4781** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **14.3898, 13.7910, 46.1592**, and the grayscale version is **21.4744, 22.5927, 24.6034**.

A 20% lighter version of the original color is **53.5819, 49.5725, 17.3341**, and **10.6295, 8.9198, 1.1615** is the 20% darker color. If you saturate the color by 10%, you get **25.3718, 21.8287, 3.7847**, and if you desaturate by 10%, it is **27.9882, 25.9824, 7.9835**.

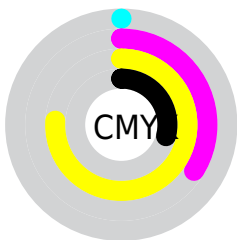
Distribution



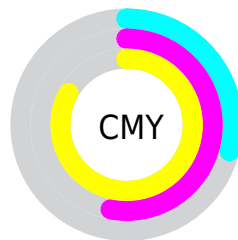
- Red (71%)
- Green (47%)
- Blue (17%)



- Red (60%)
- Yellow (71%)
- Blue (17%)



- Cyan (0%)
- Magenta (34%)
- Yellow (76%)
- Black (29%)



- Cyan (29%)
- Magenta (53%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5648, 23.7942, 5.4781 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 26.5648, 23.7942, 5.4781 by changing the saturation by 10% instead.

■ 26.5648, 23.7942,
5.4781

■ 26.5648, 23.7942,
5.4781

277.7499,
271.7784, 163.4594

■ 17.3815, 15.1810,
2.4668

■ 53.6095, 49.6942,
17.2962

■ 10.6039, 8.9465,
0.8225

■ 72.2017, 67.7497,
26.9401

■ 5.8665, 4.7063,
0.0000

■ 94.6610, 89.7216,
39.6320

■ 2.8039, 2.0760,
0.0000

■ 121.3526,
115.9940, 55.7903

■ 1.0509, 0.6511,
0.0000

■ 152.6419,
146.9516, 75.8337

■ 0.0000, 0.0000,
0.0000

■ 188.8943,

182.9785, 100.1806

230.4752,
224.4593, 129.2497

■ 26.5648, 23.7942,
5.4781

■ 26.5648, 23.7942,
5.4781

■ 25.3718, 21.8287,
3.7847

■ 27.9882, 25.9824,
7.9835

■ 24.3823, 20.0692,
2.7782

■ 29.6598, 28.4004,
11.3927

■ 24.0559, 19.4743,
2.4910

■ 31.5971, 31.0593,
15.7867

■ 33.8153, 33.9677,
21.2369

■ 36.3284, 37.1341,
27.8079

■ 39.1491, 40.5662,
35.5592

■ 42.2895, 44.2714,
44.5462

■ 45.7608, 48.2566,
54.8204

■ 49.5737, 52.5286,
66.4307

Harmonies

Analogous

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



32.5091, 23.7942, 9.6219



26.5648, 23.7942, 5.4781



20.4422, 23.7942, 5.0817

Triad

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



26.5648, 23.7942, 5.4781



13.0442, 23.7942, 32.8909



31.1376, 23.7942, 59.7834

Complementary

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



26.5648, 23.7942, 5.4781



14.3898, 13.7910, 46.1592

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.



24.9380, 23.7942, 74.0218



26.5648, 23.7942, 5.4781



14.9656, 23.7942, 54.4852

Square

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



26.5648, 23.7942, 5.4781



13.3232, 23.7942, 16.6066



19.0787, 23.7942, 71.7401



35.4560, 23.7942, 38.1601

Rectangle

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



26.5648, 23.7942, 5.4781



17.1302, 23.7942, 6.6213



19.0787, 23.7942, 71.7401



29.1626, 23.7942, 65.9483

Sweetspot

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



26.5653, 23.7954, 5.4785



67.3297, 69.1295, 54.3794



22.7335, 12.7042, 14.7675



14.4807, 14.7874, 10.9570



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.



26.5653, 23.7954, 5.4785



44.6778, 37.2480, 5.4497



34.8543, 42.7498, 8.7002



9.4114, 9.8257, 9.5074



17.0552, 13.8869, 1.7815



0.6617, 0.6105, 0.0830

Inverse Universe

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



14.3898, 13.7910, 46.1592



21.6740, 18.4573, 82.6560



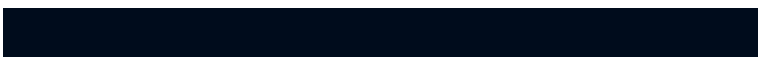
10.6204, 5.7822, 44.8120



8.8367, 9.3506, 11.4185



8.0455, 6.5506, 32.0934



0.3454, 0.3546, 1.1520

Previews

White Background



This preview shows how the XYZ color 26.5648, 23.7942, 5.4781 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 26.5648, 23.7942, 5.4781 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 26.5648, 23.7942, 5.4781

Background



This preview shows how black text looks on a background with the XYZ color 26.5648, 23.7942, 5.4781.



This preview shows how white text looks on a background with the XYZ color 26.5648, 23.7942,

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

26.5648, 23.7942, 5.4781

Protanopia

21.7547, 24.0172, 6.1785

Deuteranopia

24.2679, 23.9233, 5.4364



Tritanopia

29.9115, 23.7802, 21.4259

Trichromacy



Original Color

26.5648, 23.7942, 5.4781

Protanomaly

23.3761, 23.8439, 5.9551

Deuteranomaly

24.9851, 23.7186, 5.4518

Tritanomaly

28.2288, 23.5954, 13.4225

Monochromacy



Original Color

26.5648, 23.7942, 5.4781

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.1884, 22.4501, 14.7191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5648, 23.7942, 5.4781 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(182, 121, 43)` looks like.

```
.text, #text, p{  
    color:rgb(182, 121, 43)  
}
```

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(182, 121, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 121, 43) }
```

Border

The CSS property to change the border of an element to XYZ 26.5648, 23.7942, 5.4781 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(182, 121, 43) }
```


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

```
.border{ border-color:rgb(182, 121, 43) }
```

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

Here you see how a box with a 4 pixel rgb(182, 121, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 121, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 121, 43);  
box-shadow:4px 4px 4px 4px rgb(182, 121,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5648, 23.7942, 5.4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 121, 43) }
```

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

```
.background{ background-color: rgb(182,  
121, 43) }
```

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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