

Converting Colors

XYZ(26.7316, 24.4733, 7.6749)

Have a look what the booklet for
XYZ(26.7316, 24.4733, 7.6749)
contains.

XYZ(26.6404, 24.3359, 7.7081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.6404, 24.3359,
7.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	B37C3D
RGB	179, 124, 61
RGB Percent	70%, 49%, 24%
CMY	0.2980, 0.5137, 0.7608
CMYK	0.00, 0.31, 0.66, 0.30
HSL	32°, 49%, 47%
HSV	32°, 66%, 70%
XYZ	26.6404, 24.3359, 7.7081
YIQ	133.2630, 53.0030, -7.9330

Conversions

Conversions Part 2

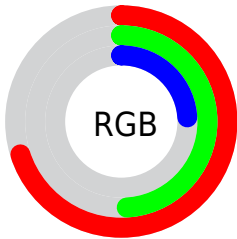
Format	Color
R_{YB}	164, 179, 61
Decimal	11762749
CIE Lab	56.42, 15.05, 42.13
CIE LCh	56, 44.739, 70.340
Yxy	24.3359, 0.4540, 0.4147
Android (android.graphics.Color)	4289952829 (0xFFB37C3D)
YUV	133.2630, -35.6257, 40.1113
Hunter-Lab	49.3314, 10.0652, 25.2679

Details

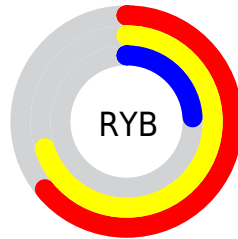
The XYZ color **26.6404, 24.3359, 7.7081** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.3063, 16.7369, 45.0188**, and the grayscale version is **22.5031, 23.6750, 25.7821**.

A 20% lighter version of the original color is **53.8513, 50.7691, 22.0001**, and **10.6025, 9.1939, 1.5324** is the 20% darker color. If you saturate the color by 10%, you get **25.2348, 22.1719, 5.2449**, and if you desaturate by 10%, it is **28.2965, 26.7437, 11.0491**.

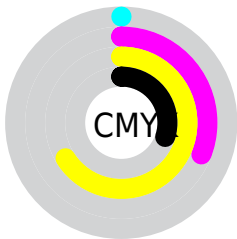
Distribution



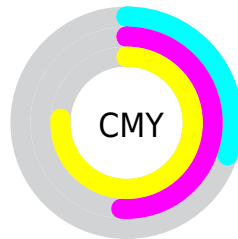
- Red (70%)
- Green (49%)
- Blue (24%)



- Red (64%)
- Yellow (70%)
- Blue (24%)



- Cyan (0%)
- Magenta (31%)
- Yellow (66%)
- Black (30%)



- Cyan (30%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6404, 24.3359, 7.7081 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 26.6404, 24.3359, 7.7081 by changing the saturation by 10% instead.

■ 26.6404, 24.3359,
7.7081

■ 26.6404, 24.3359,
7.7081

278.1112,
274.5143, 183.2725

■ 17.4385, 15.5830,
3.8237

■ 53.7303, 50.5778,
21.9208

■ 10.6449, 9.2295,
1.5291

■ 72.3489, 68.8355,
33.0862

■ 5.8941, 4.8912,
0.2395

■ 94.8373, 91.0304,
47.5156

■ 2.8208, 2.1836,
0.0000

■ 121.5606,
117.5467, 65.6276

■ 1.0597, 0.7110,
0.0000

■ 152.8843,
148.7688, 87.8408

■ 0.0000, 0.0000,
0.0000

■ 189.1738,

185.0812, 114.5736

230.7942,
226.8682, 146.2447

■ 26.6404, 24.3359,
7.7081

■ 26.6404, 24.3359,
7.7081

■ 25.2348, 22.1719,
5.2449

■ 28.2965, 26.7437,
11.0491

■ 24.0591, 20.2369,
3.5692

■ 30.2180, 29.4015,
15.3433

■ 23.0900, 18.5190,
2.5672

■ 32.4204, 32.3198,
20.6595

■ 22.7344, 17.8718,
2.2514

■ 34.9171, 35.5073,
27.0596

■ 37.7209, 38.9719,
34.6007

■ 40.8435, 42.7213,
43.3358

■ 44.2960, 46.7630,
53.3143

■ 48.0891, 51.1038,
64.5832

■ 52.2326, 55.7506,
77.1868

Harmonies

Analogous

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



31.5691, 24.3359, 12.0063



26.6404, 24.3359, 7.7081



21.3911, 24.3359, 7.1941

Triad

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



26.6404, 24.3359, 7.7081



14.6616, 24.3359, 31.9455



30.1839, 24.3359, 54.6756

Complementary

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



26.6404, 24.3359, 7.7081



16.3063, 16.7369, 45.0188

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.



24.9618, 24.3359, 65.5535



26.6404, 24.3359, 7.7081



16.3482, 24.3359, 49.5412

Square

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



26.6404, 24.3359, 7.7081



14.9723, 24.3359, 18.0239



19.9434, 24.3359, 63.3868



33.8167, 24.3359, 37.2817

Rectangle

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



26.6404, 24.3359, 7.7081



18.4619, 24.3359, 8.7341



19.9434, 24.3359, 63.3868



28.5265, 24.3359, 59.4634

Sweetspot

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



26.6410, 24.3371, 7.7086



65.2700, 66.9948, 55.7452



23.4155, 14.1839, 18.0473



14.1543, 14.4632, 11.5295



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.



26.6410, 24.3371, 7.7086



44.2169, 38.1302, 7.9054



34.6566, 41.6987, 10.6372



8.8595, 9.2315, 8.9674



16.1309, 12.7605, 1.6128



0.5653, 0.5169, 0.0700

Inverse Universe

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



16.3063, 16.7369, 45.0188



24.3749, 23.5725, 79.6464



11.9812, 7.7140, 43.5052



8.3575, 8.8613, 10.7762



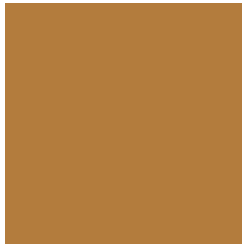
8.0227, 6.8457, 31.0355



0.3110, 0.3325, 0.9960

Previews

White Background



This preview shows how the XYZ color 26.6404, 24.3359, 7.7081 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 26.6404, 24.3359, 7.7081 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 26.6404, 24.3359, 7.7081

Background



This preview shows how black text looks on a background with the XYZ color 26.6404, 24.3359, 7.7081.



This preview shows how white text looks on a background with the XYZ color 26.6404, 24.3359,

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

26.6404, 24.3359, 7.7081

Protanopia

22.3360, 24.4740, 8.5477

Deuteranopia

24.8143, 24.3516, 7.6674



Tritanopia

29.6556, 24.2962, 22.8653

Trichromacy



Original Color

26.6404, 24.3359, 7.7081

Protanomaly

23.8746, 24.4498, 8.3114

Deuteranomaly

25.4182, 24.2756, 7.6209

Tritanomaly

28.4061, 24.3373, 15.7708

Monochromacy



Original Color

26.6404, 24.3359, 7.7081

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.2142, 23.5108, 17.2244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6404, 24.3359, 7.7081 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, 124, 61)` looks like.

```
.text, #text, p{  
    color:rgb(179, 124, 61)  
}
```

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, 124, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 124, 61) }
```

Border

The CSS property to change the border of an element to XYZ 26.6404, 24.3359, 7.7081 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, 124, 61) }
```


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

```
.border{ border-color:rgb(179, 124, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 124, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 124, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 124, 61);  
box-shadow:4px 4px 4px 4px rgb(179, 124,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6404, 24.3359, 7.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 124, 61) }
```

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

```
.background{ background-color: rgb(179,  
124, 61) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor