

Converting Colors

XYZ(26.6903, 19.9792, 7.0779)

Have a look what the booklet for
XYZ(26.6903, 19.9792, 7.0779)
contains.

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Color

**XYZ(26.6301, 19.9736,
7.0092)**

Conversions

Conversions Part 1

Format	Color
Hex	BF613E
RGB	191, 97, 62
RGB Percent	75%, 38%, 24%
CMY	0.2510, 0.6196, 0.7569
CMYK	0.00, 0.49, 0.68, 0.25
HSL	16°, 51%, 50%
HSV	16°, 68%, 75%
XYZ	26.6301, 19.9736, 7.0092
YIQ	121.1160, 67.2590, 9.0430

Conversions

Conversions Part 2

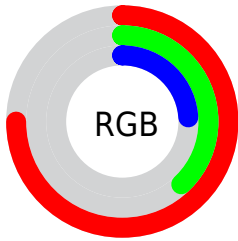
Format	Color
RYB	191, 110, 62
Decimal	12542270
CIELab	51.81, 34.90, 36.75
CIElCh	52, 50.686, 46.480
Yxy	19.9736, 0.4967, 0.3726
Android (android.graphics.Color)	4290732350 (0xFFBF613E)
YUV	121.1160, -29.1442, 61.2883
Hunter-Lab	44.6918, 28.1504, 21.9856

Details

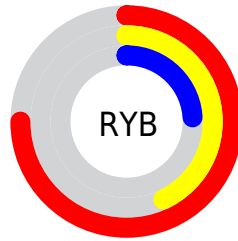
The XYZ color **26.6301, 19.9736, 7.0092** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **23.2782, 28.5609, 53.5759**, and the grayscale version is **18.2882, 19.2406, 20.9530**.

A 20% lighter version of the original color is **53.7616, 43.3380, 20.5705**, and **10.6258, 6.9760, 1.2767** is the 20% darker color. If you saturate the color by 10%, you get **25.0201, 17.4502, 4.3256**, and if you desaturate by 10%, it is **28.6508, 23.0241, 10.7386**.

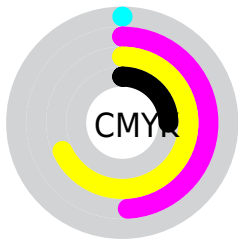
Distribution



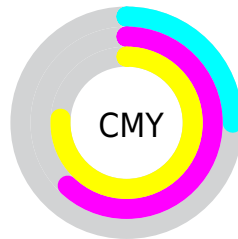
- Red (75%)
- Green (38%)
- Blue (24%)



- Red (75%)
- Yellow (43%)
- Blue (24%)



- Cyan (0%)
- Magenta (49%)
- Yellow (68%)
- Black (25%)





- Cyan (25%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6301, 19.9736, 7.0092 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 26.6301, 19.9736, 7.0092 by changing the saturation by 10% instead.

 26.6301, 19.9736,
7.0092


 26.6301, 19.9736,
7.0092


278.0620,
251.7722, 177.3740


 17.4308, 12.3759,
3.3893


 53.7138, 43.3729,
20.5049


 10.6393, 7.0002,
1.2967


 72.3289, 59.9433,
31.2178

 5.8903, 3.4622,
0.0591

 94.8133, 80.2733,
45.1321

 2.8185, 1.3775,
0.0000

 121.5323,
104.7474, 62.6664

 1.0585, 0.2001,
0.0000

 152.8513,
133.7499, 84.2392

 0.0000, 0.0000,
0.0000

 189.1357,

167.6653, 110.2690

230.7508,
206.8779, 141.1744

■ 26.6301, 19.9736,
7.0092

■ 26.6301, 19.9736,
7.0092

■ 25.0201, 17.4502,
4.3256

■ 28.6508, 23.0241,
10.7386

■ 23.7873, 15.4189,
2.5758

■ 31.1092, 26.6271,
15.6077

■ 22.8899, 13.8433,
1.6006

■ 34.0312, 30.8105,
21.7012

■ 22.7061, 13.5171,
1.4123

■ 37.4403, 35.5989,
29.0953

■ 41.3584, 41.0157,
37.8601

■ 45.8059, 47.0829,
48.0606

■ 50.8022, 53.8214,
59.7574

■ 56.3654, 61.2513,
73.0080

■ 62.5130, 69.3916,
87.8665

Harmonies

Analogous

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



30.1176, 19.9736, 14.6702



26.6301, 19.9736, 7.0092



21.3883, 19.9736, 4.2097

Triad

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



26.6301, 19.9736, 7.0092



10.9095, 19.9736, 15.7824



21.9262, 19.9736, 61.7115

Complementary

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



26.6301, 19.9736, 7.0092



23.2782, 28.5609, 53.5759

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.



16.7676, 19.9736, 62.4724



26.6301, 19.9736, 7.0092



11.0010, 19.9736, 30.7992

Square

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



26.6301, 19.9736, 7.0092



12.6853, 19.9736, 7.5060



12.9629, 19.9736, 49.3831



27.0846, 19.9736, 47.6201

Rectangle

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



26.6301, 19.9736, 7.0092



17.8914, 19.9736, 4.0110



12.9629, 19.9736, 49.3831



20.1208, 19.9736, 63.6993

Sweetspot

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



26.6306, 19.9747, 7.0096



72.0304, 70.6493, 63.1938



29.2602, 16.9424, 33.4476



15.3741, 14.9020, 12.8835



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.6306, 19.9747, 7.0096



43.6835, 29.4213, 6.0655



35.0827, 36.8789, 9.8269



9.7352, 9.9464, 9.9834



14.9805, 8.9999, 0.9476



0.6432, 0.4654, 0.0559

Inverse Universe

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



23.2782, 28.5609, 53.5759



37.0808, 45.4734, 95.1020



15.2265, 12.4576, 50.8920



9.5837, 10.3597, 12.1667



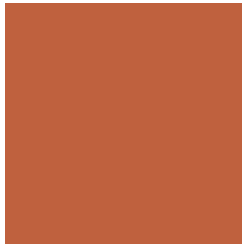
12.3335, 14.7788, 34.5954



0.5347, 0.6820, 1.3723

Previews

White Background



This preview shows how the XYZ color 26.6301, 19.9736, 7.0092 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 26.6301, 19.9736, 7.0092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

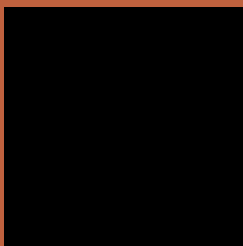
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6301, 19.9736, 7.0092

Background



This preview shows how black text looks on a background with the XYZ color 26.6301, 19.9736, 7.0092.



This preview shows how white text looks on a background with the XYZ color 26.6301, 19.9736,

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

26.6301, 19.9736, 7.0092

Protanopia

18.4983, 20.1045, 8.8668

Deuteranopia

20.3538, 20.0246, 6.6633



Tritanopia

28.0716, 19.8926, 14.1645

Trichromacy



Original Color

26.6301, 19.9736, 7.0092

Protanomaly

20.7710, 19.5199, 8.1418

Deuteranomaly

22.3017, 19.6831, 6.7615

Tritanomaly

27.4206, 19.8838, 11.1968

Monochromacy



Original Color

26.6301, 19.9736, 7.0092

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.9485, 18.6194, 14.5991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6301, 19.9736, 7.0092 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(191, 97, 62)` looks like.

```
.text, #text, p{  
    color:rgb(191, 97, 62)  
}
```

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(191, 97, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 97, 62) }
```

Border

The CSS property to change the border of an element to XYZ 26.6301, 19.9736, 7.0092 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(191, 97, 62) }
```


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

```
.border{ border-color:rgb(191, 97, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 97, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 97, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 97, 62);  
box-shadow:4px 4px 4px 4px rgb(191, 97,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6301, 19.9736, 7.0092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 97, 62) }
```

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

```
.background{ background-color: rgb(191, 97,  
62) }
```

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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