

Converting Colors

XYZ(26.4279, 21.4905, 7.0301)

Have a look what the booklet for
XYZ(26.4279, 21.4905, 7.0301)
contains.

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Color

**XYZ(26.4279, 21.4905,
7.0301)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6C3C
RGB	186, 108, 60
RGB Percent	73%, 42%, 24%
CMY	0.2706, 0.5764, 0.7647
CMYK	0.00, 0.42, 0.68, 0.27
HSL	23°, 51%, 48%
HSV	23°, 68%, 73%
XYZ	26.4279, 21.4905, 7.0301
YIQ	125.8500, 61.8960, 1.6080

Conversions

Conversions Part 2

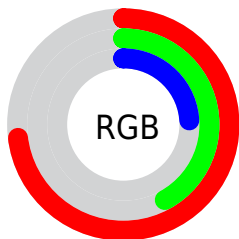
Format	Color
R_{YB}	186, 138, 60
Decimal	12217404
CIE Lab	53.48, 26.85, 39.56
CIE LCh	53, 47.815, 55.832
Yxy	21.4905, 0.4810, 0.3911
Android (android.graphics.Color)	4290407484 (0xFFBA6C3C)
YUV	125.8500, -32.4641, 52.7516
Hunter-Lab	46.3578, 20.6339, 23.4593

Details

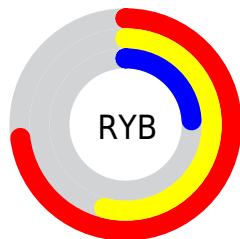
The XYZ color **26.4279, 21.4905, 7.0301** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **19.8142, 22.6814, 49.7878**, and the grayscale version is **19.8729, 20.9078, 22.7686**.

A 20% lighter version of the original color is **53.3372, 45.8386, 20.5046**, and **10.5324, 7.7437, 1.2874** is the 20% darker color. If you saturate the color by 10%, you get **24.8848, 19.0578, 4.5017**, and if you desaturate by 10%, it is **28.3052, 24.3153, 10.5227**.

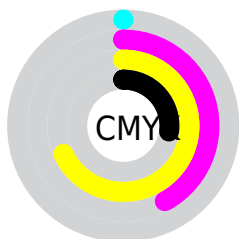
Distribution



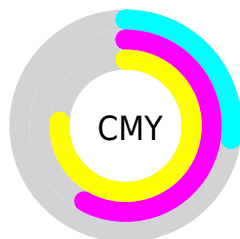
- Red (73%)
- Green (42%)
- Blue (24%)



- Red (73%)
- Yellow (54%)
- Blue (24%)



- Cyan (0%)
- Magenta (42%)
- Yellow (68%)
- Black (27%)





- Cyan (27%)
- Magenta (58%)
- Yellow (76%)
- Black (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4279, 21.4905, 7.0301 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 26.4279, 21.4905, 7.0301 by changing the saturation by 10% instead.

 26.4279, 21.4905,
7.0301


 26.4279, 21.4905,
7.0301


277.0947,
259.8739, 177.5540


 17.2784, 13.4830,
3.4022


 53.3908, 45.9024,
20.5476

 10.5297, 7.7620,
1.3035


 71.9350, 63.0757,
31.2744

 5.8165, 3.9430,
0.0646

 94.3414, 84.0730,
45.2044

 2.7734, 1.6417,
0.0000

 120.9754,
109.2787, 62.7564

 1.0351, 0.3855,
0.0000

 152.2024,
139.0773, 84.3488

 0.0000, 0.0000,
0.0000

 188.3877,

173.8530, 110.4002

229.8967,
213.9904, 141.3291

■ 26.4279, 21.4905,
7.0301

■ 26.4279, 21.4905,
7.0301

■ 24.8848, 19.0578,
4.5017

■ 28.3052, 24.3153,
10.5227

■ 23.6491, 16.9937,
2.8339

■ 30.5373, 27.5472,
15.0661

■ 22.6858, 15.2747,
1.8733

■ 33.1449, 31.2043,
20.7385

■ 22.4942, 14.9283,
1.6959

■ 36.1462, 35.3024,
27.6101

■ 39.5582, 39.8565,
35.7455

■ 43.3970, 44.8808,
45.2047

■ 47.6776, 50.3890,
56.0435

■ 52.4142, 56.3939,
68.3150

■ 57.6205, 62.9081,
82.0689

Harmonies

Analogous

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



30.5577, 21.4905, 13.1910



26.4279, 21.4905, 7.0301



21.1454, 21.4905, 5.1030

Triad

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



26.4279, 21.4905, 7.0301



12.1399, 21.4905, 21.4217



24.9925, 21.4905, 58.7629

Complementary

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



26.4279, 21.4905, 7.0301



19.8142, 22.6814, 49.7878

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.



19.7233, 21.4905, 63.9441



26.4279, 21.4905, 7.0301



12.8252, 21.4905, 37.8547

Square

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



26.4279, 21.4905, 7.0301



13.3536, 21.4905, 10.9276



15.4096, 21.4905, 55.0805



29.6371, 21.4905, 42.9261

Rectangle

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



26.4279, 21.4905, 7.0301



17.8716, 21.4905, 5.4697



15.4096, 21.4905, 55.0805



23.2131, 21.4905, 62.0307

Sweetspot

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



26.4284, 21.4916, 7.0305



70.0273, 70.0242, 60.7464



26.5844, 15.5584, 26.3357



15.0317, 14.9018, 12.4456



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.



26.4284, 21.4916, 7.0305



44.0090, 32.7420, 6.5879



35.2904, 39.2156, 9.9845



9.2776, 9.5581, 9.4628



15.2009, 10.1782, 1.1634



0.5964, 0.4798, 0.0612

Inverse Universe

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



19.8142, 22.6814, 49.7878



31.1013, 34.8249, 89.2841



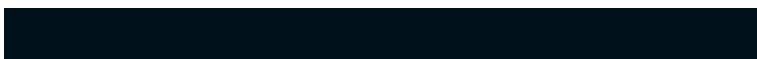
13.3664, 9.7858, 47.6385



8.9715, 9.6202, 11.4635



10.1718, 10.8032, 32.8022



0.4163, 0.4963, 1.1756

Previews

White Background



This preview shows how the XYZ color 26.4279, 21.4905, 7.0301 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 26.4279, 21.4905, 7.0301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

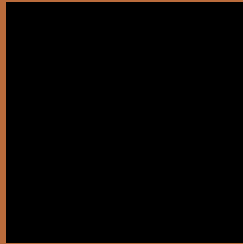
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4279, 21.4905, 7.0301

Background



This preview shows how black text looks on a background with the XYZ color 26.4279, 21.4905, 7.0301.



This preview shows how white text looks on a background with the XYZ color 26.4279, 21.4905,

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

26.4279, 21.4905, 7.0301

Protanopia

19.8876, 21.5944, 8.4301

Deuteranopia

21.9961, 21.5854, 6.8780



Tritanopia

28.5521, 21.4473, 17.3867

Trichromacy



Original Color

26.4279, 21.4905, 7.0301

Protanomaly

21.8633, 21.3140, 7.8122

Deuteranomaly

23.4872, 21.4631, 6.9079

Tritanomaly

27.6211, 21.3647, 12.7932

Monochromacy



Original Color

26.4279, 21.4905, 7.0301

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.2078, 20.4489, 15.3996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4279, 21.4905, 7.0301 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(186, 108, 60)` looks like.

```
.text, #text, p{  
    color:rgb(186, 108, 60)  
}
```

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(186, 108, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 108, 60) }
```

Border

The CSS property to change the border of an element to XYZ 26.4279, 21.4905, 7.0301 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(186, 108, 60) }
```


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

```
.border{ border-color:rgb(186, 108, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 108, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 108, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 108, 60);  
box-shadow:4px 4px 4px 4px rgb(186, 108,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4279, 21.4905, 7.0301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 108, 60) }
```

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

```
.background{ background-color: rgb(186,  
108, 60) }
```

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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