

Converting Colors

XYZ(26.3934, 20.6211, 4.9412)

Have a look what the booklet for
XYZ(26.3934, 20.6211, 4.9412)
contains.

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Color

**XYZ(26.4412, 20.6317,
4.9716)**

Conversions

Conversions Part 1

Format	Color
Hex	BE662C
RGB	190, 102, 44
RGB Percent	75%, 40%, 17%
CMY	0.2549, 0.6000, 0.8274
CMYK	0.00, 0.46, 0.77, 0.25
HSL	24°, 62%, 46%
HSV	24°, 77%, 75%
XYZ	26.4412, 20.6317, 4.9716
YIQ	121.7000, 71.0660, 0.6180

Conversions

Conversions Part 2

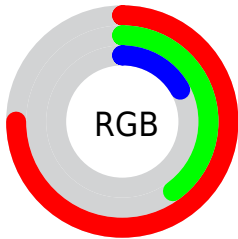
Format	Color
RYB	190, 140, 44
Decimal	12477996
CIELab	52.54, 30.95, 46.70
CIElCh	53, 56.022, 56.461
Yxy	20.6317, 0.5080, 0.3964
Android (android.graphics.Color)	4290668076 (0xFFBE662C)
YUV	121.7000, -38.3061, 59.8991
Hunter-Lab	45.4221, 24.4200, 25.3060

Details

The XYZ color **26.4412, 20.6317, 4.9716** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.5837, 20.7546, 51.7415**, and the grayscale version is **18.5061, 19.4698, 21.2026**.

A 20% lighter version of the original color is **53.3150, 44.4107, 16.1180**, and **10.6332, 7.3715, 0.8624** is the 20% darker color. If you saturate the color by 10%, you get **25.1137, 18.4235, 3.1523**, and if you desaturate by 10%, it is **28.0886, 23.2185, 7.7041**.

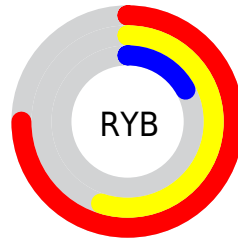
Distribution



Red (75%)

Green (40%)

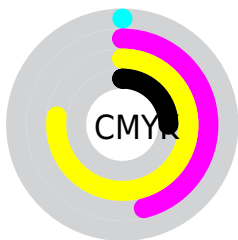
Blue (17%)



Red (75%)

Yellow (55%)

Blue (17%)

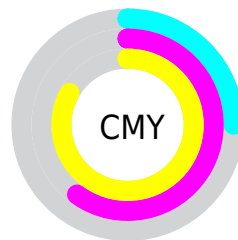


Cyan (0%)

Magenta (46%)

Yellow (77%)

Black (25%)



Cyan (25%)

Magenta (60%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4412, 20.6317, 4.9716 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 26.4412, 20.6317, 4.9716 by changing the saturation by 10% instead.


 26.4412, 20.6317,
4.9716


 26.4412, 20.6317,
4.9716


277.1584,
255.3147, 158.4798


 17.2884, 12.8551,
2.1722


 53.4121, 44.4738,
16.1949


 10.5369, 7.3288,
0.6582


 71.9609, 61.3080,
25.4559


 5.8214, 3.6686,
0.0000

 94.3725, 81.9302,
37.7077

 2.7764, 1.4900,
0.0000

 121.0121,
106.7247, 53.3691

 1.0366, 0.2816,
0.0000

 152.2451,
136.0761, 72.8584

 0.0000, 0.0000,
0.0000

 188.4369,

170.3686, 96.5943

229.9529,
209.9866, 124.9953

■ 26.4412, 20.6317,
4.9716

■ 26.4412, 20.6317,
4.9716

■ 25.1137, 18.4235,
3.1523

■ 28.0886, 23.2185,
7.7041

■ 24.0714, 16.5670,
2.1014

■ 30.0802, 26.2004,
11.4548

■ 23.7842, 16.0453,
1.8435

■ 32.4391, 29.5966,
16.3154

■ 35.1857, 33.4239,
22.3668

■ 38.3388, 37.6980,
29.6825

■ 41.9157, 42.4337,
38.3298

■ 45.9329, 47.6452,
48.3713

■ 50.4057, 53.3460,
59.8656

■ 55.3487, 59.5488,
72.8679

Harmonies

Analogous

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



31.3874, 20.6317, 11.0241



26.4412, 20.6317, 4.9716



20.3064, 20.6317, 3.2853

Triad

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



26.4412, 20.6317, 4.9716



10.4502, 20.6317, 20.5498



25.0123, 20.6317, 64.9192

Complementary

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



26.4412, 20.6317, 4.9716



18.5837, 20.7546, 51.7415

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.



18.9294, 20.6317, 71.8171



26.4412, 20.6317, 4.9716



11.2227, 20.6317, 39.9188

Square

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



26.4412, 20.6317, 4.9716



11.7040, 20.6317, 9.0329



14.0698, 20.6317, 61.0004



30.4547, 20.6317, 45.1418

Rectangle

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



26.4412, 20.6317, 4.9716



16.6156, 20.6317, 3.6442



14.0698, 20.6317, 61.0004



22.9437, 20.6317, 69.1414

Sweetspot

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



26.4417, 20.6328, 4.9720



71.6357, 71.1952, 58.9454



26.4413, 14.4708, 23.9661



15.2307, 14.9670, 11.7510



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.



26.4417, 20.6328, 4.9720



44.2029, 31.0819, 4.3216



36.6269, 41.0032, 8.3670



9.8328, 10.1416, 10.0159



15.8873, 10.8135, 1.2499



0.6865, 0.5519, 0.0703

Inverse Universe

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



18.5837, 20.7546, 51.7415



29.1738, 30.9776, 92.7208



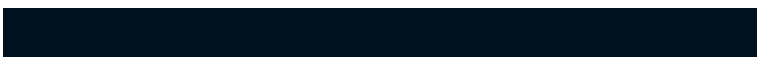
12.0036, 7.5944, 49.5481



9.4818, 10.1560, 12.1328



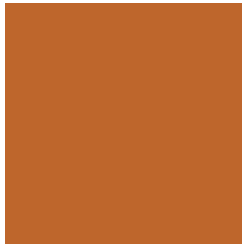
10.2984, 10.7085, 33.9171



0.4656, 0.5439, 1.3493

Previews

White Background



This preview shows how the XYZ color 26.4412, 20.6317, 4.9716 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 26.4412, 20.6317, 4.9716 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 26.4412, 20.6317, 4.9716

Background



This preview shows how black text looks on a background with the XYZ color 26.4412, 20.6317, 4.9716.



This preview shows how white text looks on a background with the XYZ color 26.4412, 20.6317,

4.9716.

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

26.4412, 20.6317, 4.9716

Protanopia

18.8736, 20.7362, 6.1397

Deuteranopia

21.1669, 20.8420, 4.7410



Tritanopia

28.6234, 20.6825, 15.3155

Trichromacy



Original Color

26.4412, 20.6317, 4.9716

Protanomaly

20.9953, 20.2051, 5.5897

Deuteranomaly

22.8657, 20.5095, 4.7611

Tritanomaly

27.6289, 20.5510, 10.4932

Monochromacy



Original Color

26.4412, 20.6317, 4.9716

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.1837, 19.2727, 13.2459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4412, 20.6317, 4.9716 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(190, 102, 44)` looks like.

```
.text, #text, p{  
    color:rgb(190, 102, 44)  
}
```

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(190, 102, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 102, 44) }
```

Border

The CSS property to change the border of an element to XYZ 26.4412, 20.6317, 4.9716 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(190, 102, 44) }
```


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

```
.border{ border-color:rgb(190, 102, 44) }
```

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

Here you see how a box with a 4 pixel rgb(190, 102, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 102, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 102, 44);  
box-shadow:4px 4px 4px 4px rgb(190, 102,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4412, 20.6317, 4.9716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 102, 44) }
```

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

```
.background{ background-color: rgb(190,  
102, 44) }
```

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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