

Converting Colors

XYZ(26.0601, 17.7020, 6.6007)

Have a look what the booklet for
XYZ(26.0601, 17.7020, 6.6007)
contains.

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Color

**XYZ(26.0601, 17.7020,
6.6007)**

Conversions

Conversions Part 1

Format	Color
Hex	C2513E
RGB	194, 81, 62
RGB Percent	76%, 32%, 24%
CMY	0.2392, 0.6823, 0.7569
CMYK	0.00, 0.58, 0.68, 0.24
HSL	9°, 52%, 50%
HSV	9°, 68%, 76%
XYZ	26.0601, 17.7020, 6.6007
YIQ	112.6210, 73.4470, 18.0470

Conversions

Conversions Part 2

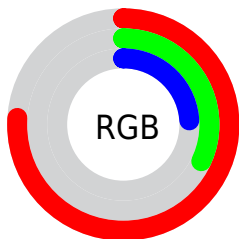
Format	Color
RYB	194, 84, 62
Decimal	12734782
CIELab	49.13, 44.08, 33.73
CIELCh	49, 55.506, 37.423
Yxy	17.7020, 0.5174, 0.3515
Android (android.graphics.Color)	4290924862 (0xFFC2513E)
YUV	112.6210, -24.9562, 71.3694
Hunter-Lab	42.0737, 36.9322, 20.1500

Details

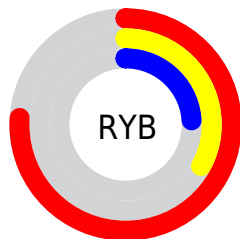
The XYZ color **26.0601, 17.7020, 6.6007** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **27.0529, 35.5765, 56.4799**, and the grayscale version is **15.6407, 16.4553, 17.9198**.

A 20% lighter version of the original color is **52.5796, 39.4360, 19.5925**, and **10.3326, 5.8959, 1.1657** is the 20% darker color. If you saturate the color by 10%, you get **24.5329, 15.3529, 3.9177**, and if you desaturate by 10%, it is **28.0799, 20.7326, 10.3854**.

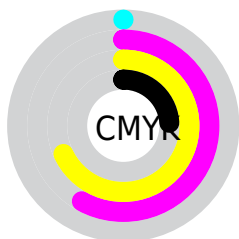
Distribution



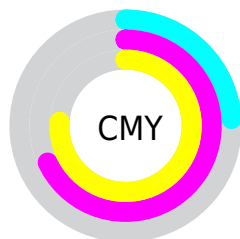
- Red (76%)
- Green (32%)
- Blue (24%)



- Red (76%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (24%)





- Cyan (24%)
- Magenta (68%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0601, 17.7020, 6.6007 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 26.0601, 17.7020, 6.6007 by changing the saturation by 10% instead.


 26.0601, 17.7020,
6.6007


 26.0601, 17.7020,
6.6007


275.3283,
239.1860, 173.8064


 17.0015, 10.7363,
3.1390


 52.8025, 39.5289,
19.6643


 10.3309, 5.8898,
1.1661


 71.2170, 55.1588,
30.1033


 5.6828, 2.7782,
0.0000

 93.4809, 74.4456,
43.7052

 2.6920, 1.0170,
0.0000

 119.9595, 97.7736,
60.8885

 0.9931, 0.0000,
0.0000

 151.0182,
125.5272, 82.0717

 0.0000, 0.0000,
0.0000

 187.0223,

158.0909, 107.6734

228.3372,
195.8490, 138.1121

■ 26.0601, 17.7020,
6.6007

■ 26.0601, 17.7020,
6.6007

■ 24.5329, 15.3529,
3.9177

■ 28.0799, 20.7326,
10.3854

■ 23.4533, 13.6290,
2.2157

■ 30.6294, 24.4893,
15.3733

■ 22.7638, 12.4674,
1.3158

■ 33.7434, 29.0163,
21.6554

■ 22.6617, 12.2967,
1.1791

■ 37.4535, 34.3534,
29.3136

■ 41.7887, 40.5377,
38.4232

■ 46.7763, 47.6039,
49.0537

■ 52.4419, 55.5849,
61.2704

■ 58.8096, 64.5116,
75.1348

■ 65.9025, 74.4139,
90.7048

Harmonies

Analogous

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



28.7879, 17.7020, 15.8127



26.0601, 17.7020, 6.6007



20.9547, 17.7020, 3.0962

Triad

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



26.0601, 17.7020, 6.6007



9.1904, 17.7020, 10.2524



18.1478, 17.7020, 63.7755

Complementary

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



26.0601, 17.7020, 6.6007



27.0529, 35.5765, 56.4799

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.



13.2774, 17.7020, 59.5414



26.0601, 17.7020, 6.6007



8.7427, 17.7020, 23.2079

Square

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



26.0601, 17.7020, 6.6007



11.4602, 17.7020, 4.3206



10.0791, 17.7020, 42.3821



23.6476, 17.7020, 52.0475

Rectangle

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



26.0601, 17.7020, 6.6007



17.2778, 17.7020, 2.5005



10.0791, 17.7020, 42.3821



16.3806, 17.7020, 64.2444

Sweetspot

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



26.0605, 17.7030, 6.6010



73.8209, 70.7558, 65.6187



31.8468, 18.0650, 43.0904



15.6635, 14.7786, 13.3118



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.0605, 17.7030, 6.6010



43.3232, 26.0383, 5.2699



33.3349, 32.2518, 9.0258



10.1876, 10.3067, 10.5143



14.9365, 8.1588, 0.7876



0.6838, 0.4294, 0.0468

Inverse Universe

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



27.0529, 35.5765, 56.4799



45.0362, 60.2097, 101.7178



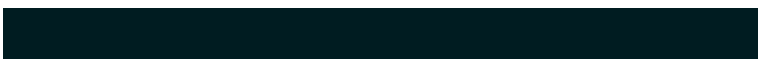
17.3434, 16.1576, 53.2434



10.2410, 11.1732, 12.9017



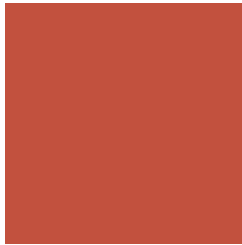
15.4217, 20.5999, 36.7200



0.7009, 0.9591, 1.5981

Previews

White Background



This preview shows how the XYZ color 26.0601, 17.7020, 6.6007 looks on a white 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

Black Background



This preview shows how the XYZ color 26.0601, 17.7020, 6.6007 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 26.0601, 17.7020, 6.6007

Background



This preview shows how black text looks on a background with the XYZ color 26.0601, 17.7020, 6.6007.



This preview shows how white text looks on a background with the XYZ color 26.0601, 17.7020,

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

26.0601, 17.7020, 6.6007

Protanopia

16.5334, 17.8198, 9.2248

Deuteranopia

18.1850, 17.8936, 6.2367



Tritanopia

26.7914, 17.6754, 10.1832

Trichromacy



Original Color

26.0601, 17.7020, 6.6007

Protanomaly

19.0047, 17.0182, 8.0775

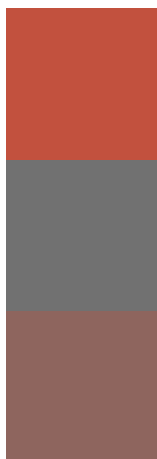
Deuteranomaly

20.5217, 17.3994, 6.2798

Tritanomaly

26.5717, 17.7021, 8.6730

Monochromacy



Original Color

26.0601, 17.7020, 6.6007

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.8294, 15.8663, 12.7125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0601, 17.7020, 6.6007 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(194, 81, 62)` looks like.

```
.text, #text, p{  
    color:rgb(194, 81, 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(194, 81, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 81, 62) }
```

Border

The CSS property to change the border of an element to XYZ 26.0601, 17.7020, 6.6007 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(194, 81, 62) }
```


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

```
.border{ border-color:rgb(194, 81, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 81, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 81, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 81, 62);  
box-shadow:4px 4px 4px 4px rgb(194, 81,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0601, 17.7020, 6.6007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 81, 62) }
```

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

```
.background{ background-color: rgb(194, 81,  
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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