

Converting Colors

XYZ(25.9258, 20.9289, 6.6765)

Have a look what the booklet for
XYZ(25.9258, 20.9289, 6.6765)
contains.

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Color

**XYZ(25.9253, 20.9278,
6.6761)**

Conversions

Conversions Part 1

Format	Color
Hex	B96A3A
RGB	185, 106, 58
RGB Percent	73%, 42%, 23%
CMY	0.2745, 0.5843, 0.7725
CMYK	0.00, 0.43, 0.69, 0.27
HSL	23°, 52%, 48%
HSV	23°, 69%, 73%
XYZ	25.9253, 20.9278, 6.6761
YIQ	124.1490, 62.4920, 1.8200

Conversions

Conversions Part 2

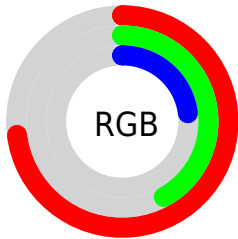
Format	Color
R_{YB}	185, 135, 58
Decimal	12151354
CIE Lab	52.87, 27.41, 39.88
CIE LCh	53, 48.388, 55.498
Yxy	20.9278, 0.4843, 0.3910
Android (android.graphics.Color)	4290341434 (0xFFB96A3A)
YUV	124.1490, -32.6115, 53.3663
Hunter-Lab	45.7469, 21.1009, 23.3703

Details

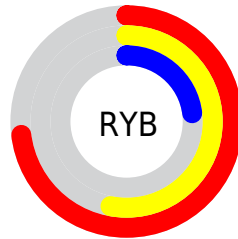
The XYZ color **25.9253, 20.9278, 6.6761** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **19.4470, 22.2925, 49.1765**, and the grayscale version is **19.2992, 20.3043, 22.1113**.

A 20% lighter version of the original color is **52.5369, 44.9277, 19.8128**, and **10.2703, 7.4602, 1.1858** is the 20% darker color. If you saturate the color by 10%, you get **24.4292, 18.5583, 4.2579**, and if you desaturate by 10%, it is **27.7506, 23.6854, 10.0384**.

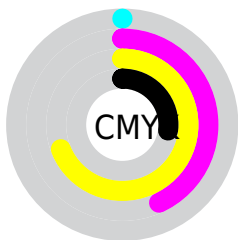
Distribution



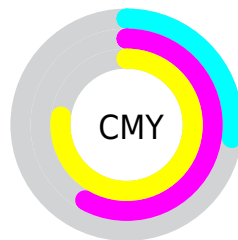
- Red (73%)
- Green (42%)
- Blue (23%)



- Red (73%)
- Yellow (53%)
- Blue (23%)



- Cyan (0%)
- Magenta (43%)
- Yellow (69%)
- Black (27%)



- Cyan (27%)
- Magenta (58%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9253, 20.9278, 6.6761 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 25.9253, 20.9278, 6.6761 by changing the saturation by 10% instead.

■ 25.9253, 20.9278,
6.6761

■ 25.9253, 20.9278,
6.6761

274.6786,
256.8945, 174.4721

■ 16.9002, 13.0712,
3.1850

■ 52.5866, 44.9673,
19.8202

■ 10.2582, 7.4776,
1.1899

■ 70.9534, 61.9191,
30.3104

■ 5.6341, 3.7626,
0.0000

■ 93.1649, 82.6714,
43.9706

■ 2.6624, 1.5416,
0.0000

■ 119.5863,
107.6086, 61.2195

■ 0.9779, 0.3178,
0.0000

■ 150.5830,
137.1151, 82.4755

■ 0.0000, 0.0000,
0.0000

■ 186.5204,

171.5754, 108.1572

227.7638,
211.3737, 138.6833

■ 25.9253, 20.9278,
6.6761

■ 25.9253, 20.9278,
6.6761

■ 24.4292, 18.5583,
4.2579

■ 27.7506, 23.6854,
10.0384

■ 23.2354, 16.5535,
2.6801

■ 29.9259, 26.8462,
14.4315

■ 22.3053, 14.8880,
1.7699

■ 32.4717, 30.4283,
19.9331

■ 22.1931, 14.6855,
1.6649

■ 35.4062, 34.4477,
26.6133

■ 38.7464, 38.9194,
34.5364

■ 42.5084, 43.8577,
43.7618

■ 46.7071, 49.2760,
54.3451

■ 51.3566, 55.1874,
66.3388

■ 56.4707, 61.6044,
79.7925

Harmonies

Analogous

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



30.0259, 20.9278, 12.7754



25.9253, 20.9278, 6.6761



20.6645, 20.9278, 4.7698

Triad

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



25.9253, 20.9278, 6.6761



11.6847, 20.9278, 20.6694



24.3792, 20.9278, 58.3131

Complementary

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



25.9253, 20.9278, 6.6761



19.4470, 22.2925, 49.1765

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.



19.1375, 20.9278, 63.3681



25.9253, 20.9278, 6.6761



12.3400, 20.9278, 37.0056

Square

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



25.9253, 20.9278, 6.6761



12.9038, 20.9278, 10.3695



14.8746, 20.9278, 54.3171



29.0324, 20.9278, 42.4887

Rectangle

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



25.9253, 20.9278, 6.6761



17.4037, 20.9278, 5.1041



14.8746, 20.9278, 54.3171



22.6052, 20.9278, 61.5526

Sweetspot

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



25.9258, 20.9289, 6.6765



67.7092, 67.4648, 57.8043



26.1395, 15.1881, 25.7636



14.2400, 14.0674, 11.6125



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.9258, 20.9289, 6.6765



42.6849, 31.4739, 6.1249



34.7861, 38.6495, 9.6299



9.2753, 9.5537, 9.4621



15.1769, 10.1301, 1.1554



0.5954, 0.4779, 0.0609

Inverse Universe

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



19.4470, 22.2925, 49.1765



30.2143, 33.8468, 87.1452



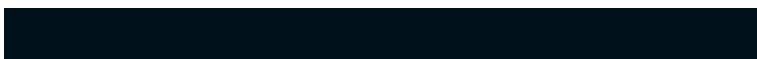
13.0136, 9.4257, 47.0320



8.9738, 9.6247, 11.4642



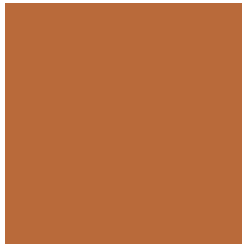
10.2147, 10.8891, 32.8165



0.4177, 0.4990, 1.1761

Previews

White Background



This preview shows how the XYZ color 25.9253, 20.9278, 6.6761 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 25.9253, 20.9278, 6.6761 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 25.9253, 20.9278, 6.6761

Background



This preview shows how black text looks on a background with the XYZ color 25.9253, 20.9278, 6.6761.



This preview shows how white text looks on a background with the XYZ color 25.9253, 20.9278,

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

25.9253, 20.9278, 6.6761

Protanopia

19.3587, 21.1358, 8.0603

Deuteranopia

21.4079, 21.1092, 6.4362



Tritanopia

28.0030, 20.8884, 16.7433

Trichromacy



Original Color

25.9253, 20.9278, 6.6761

Protanomaly

21.1766, 20.6094, 7.4193

Deuteranomaly

22.8713, 20.9821, 6.4589

Tritanomaly

27.0904, 20.8057, 12.2609

Monochromacy



Original Color

25.9253, 20.9278, 6.6761

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.5156, 19.7537, 14.7881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9253, 20.9278, 6.6761 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(185, 106, 58)` looks like.

```
.text, #text, p{  
    color:rgb(185, 106, 58)  
}
```

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(185, 106, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 106, 58) }
```

Border

The CSS property to change the border of an element to XYZ 25.9253, 20.9278, 6.6761 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(185, 106, 58) }
```


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

```
.border{ border-color:rgb(185, 106, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 106, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 106, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 106, 58);  
box-shadow:4px 4px 4px 4px rgb(185, 106,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9253, 20.9278, 6.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 106, 58) }
```

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

```
.background{ background-color: rgb(185,  
106, 58) }
```

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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