

Converting Colors

XYZ(25.9420, 26.2328, 7.4260)

Have a look what the booklet for
XYZ(25.9420, 26.2328, 7.4260)
contains.

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Color

**XYZ(25.9553, 26.1595,
7.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8738
RGB	170, 135, 56
RGB Percent	67%, 53%, 22%
CMY	0.3333, 0.4706, 0.7804
CMYK	0.00, 0.21, 0.67, 0.33
HSL	42°, 50%, 44%
HSV	42°, 67%, 67%
XYZ	25.9553, 26.1595, 7.4227
YIQ	136.4590, 46.2190, -17.1490

Conversions

Conversions Part 2

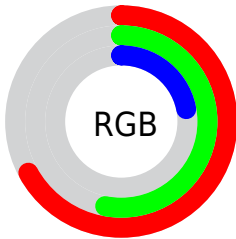
Format	Color
R_{YB}	107, 170, 56
Decimal	11175736
CIE _{Lab}	58.19, 4.61, 46.21
CIE _{LCh}	58, 46.439, 84.300
Yxy	26.1595, 0.4359, 0.4394
Android (android.graphics.Color)	4289365816 (0xFFAA8738)
YUV	136.4590, -39.6663, 29.4155
Hunter-Lab	51.1464, 1.0775, 27.1979

Details

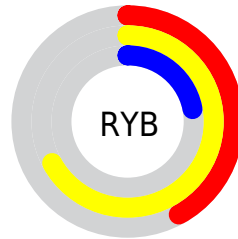
The XYZ color **25.9553, 26.1595, 7.4227** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.6275, 11.2248, 39.5309**, and the grayscale version is **23.7069, 24.9415, 27.1613**.

A 20% lighter version of the original color is **52.6320, 53.5220, 21.4667**, and **10.2672, 10.2330, 1.4340** is the 20% darker color. If you saturate the color by 10%, you get **24.8979, 24.6009, 5.3559**, and if you desaturate by 10%, it is **27.1908, 27.8485, 10.2460**.

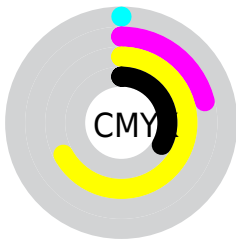
Distribution



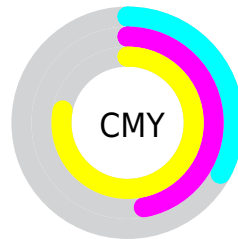
- Red (67%)
- Green (53%)
- Blue (22%)



- Red (42%)
- Yellow (67%)
- Blue (22%)



- Cyan (0%)
- Magenta (21%)
- Yellow (67%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9553, 26.1595, 7.4227 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 25.9553, 26.1595, 7.4227 by changing the saturation by 10% instead.


 25.9553, 26.1595,
7.4227


 25.9553, 26.1595,
7.4227


274.8233,
283.5642, 180.8933


 16.9227, 16.9430,
3.6454


 52.6346, 53.5321,
21.3458


 10.2744, 10.1939,
1.4329


 71.0121, 72.4571,
32.3288

 5.6449, 5.5277,
0.1672

 93.2352, 95.3870,
46.5506

 2.6690, 2.5601,
0.0000

 119.6694,
122.7062, 64.4300

 0.9812, 0.9066,
0.0000

 150.6799,
154.7991, 86.3854

 0.0000, 0.0000,
0.0000

 186.6322,

192.0501, 112.8354

227.8915,
234.8437, 144.1985

■ 25.9553, 26.1595,
7.4227

■ 25.9553, 26.1595,
7.4227

■ 24.8979, 24.6009,
5.3559

■ 27.1908, 27.8485,
10.2460

■ 24.0012, 23.1619,
3.9649

■ 28.6160, 29.6703,
13.8921

■ 23.2432, 21.8338,
3.1329

■ 30.2434, 31.6317,
18.4221

■ 23.0339, 21.4589,
2.9280

■ 32.0838, 33.7377,
23.8905

■ 34.1473, 35.9930,
30.3477

■ 36.4430, 38.4023,
37.8403

■ 38.9797, 40.9696,
46.4120

■ 41.7656, 43.6989,
56.1038

■ 44.8085, 46.5940,
66.9547

Harmonies

Analogous

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



31.7358, 26.1595, 9.9878



25.9553, 26.1595, 7.4227



20.6673, 26.1595, 8.5326

Triad

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



25.9553, 26.1595, 7.4227



16.2402, 26.1595, 43.2519



34.7388, 26.1595, 50.6927

Complementary

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



25.9553, 26.1595, 7.4227



12.6275, 11.2248, 39.5309

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.



29.5932, 26.1595, 67.1454



25.9553, 26.1595, 7.4227



19.0632, 26.1595, 61.8342

Square

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



25.9553, 26.1595, 7.4227



15.5676, 26.1595, 25.5118



23.8034, 26.1595, 71.8477



37.2752, 26.1595, 31.6770

Rectangle

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



25.9553, 26.1595, 7.4227



18.0398, 26.1595, 11.5497



23.8034, 26.1595, 71.8477



33.2225, 26.1595, 56.9550

Sweetspot

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



25.9559, 26.1608, 7.4232



60.6739, 63.9231, 50.9868



19.9279, 12.1490, 11.4432



13.3017, 14.0054, 10.6533



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.9559, 26.1608, 7.4232



44.4260, 43.4628, 8.4672



27.5011, 35.4337, 9.1316



7.9496, 8.3793, 7.9877



16.9951, 15.8875, 2.1708



0.4556, 0.4707, 0.0669

Inverse Universe

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



12.6275, 11.2248, 39.5309



18.6673, 14.7054, 70.8564



11.7226, 7.3045, 38.8219



7.3126, 7.6622, 9.5119



6.2912, 4.0426, 28.4242



0.1978, 0.1879, 0.7065

Previews

White Background



This preview shows how the XYZ color 25.9553, 26.1595, 7.4227 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 25.9553, 26.1595, 7.4227 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 25.9553, 26.1595, 7.4227

Background



This preview shows how black text looks on a background with the XYZ color 25.9553, 26.1595, 7.4227.



This preview shows how white text looks on a background with the XYZ color 25.9553, 26.1595,

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

25.9553, 26.1595, 7.4227

Protanopia

23.8521, 26.1296, 7.7894

Deuteranopia

26.5816, 26.0691, 7.5017



Tritanopia

29.9378, 26.1864, 26.7691

Trichromacy



Original Color

25.9553, 26.1595, 7.4227

Protanomaly

24.5249, 26.0494, 7.6063

Deuteranomaly

26.4972, 26.2298, 7.5372

Tritanomaly

28.0920, 26.0255, 17.4527

Monochromacy



Original Color

25.9553, 26.1595, 7.4227

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6707, 24.9658, 17.4812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9553, 26.1595, 7.4227 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(170, 135, 56)` looks like.

```
.text, #text, p{  
    color:rgb(170, 135, 56)  
}
```

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(170, 135, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 135, 56) }
```

Border

The CSS property to change the border of an element to XYZ 25.9553, 26.1595, 7.4227 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(170, 135, 56) }
```


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

```
.border{ border-color:rgb(170, 135, 56) }
```

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

Here you see how a box with a 4 pixel rgb(170, 135, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 135, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 135, 56);  
box-shadow:4px 4px 4px 4px rgb(170, 135,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9553, 26.1595, 7.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 135, 56) }
```

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

```
.background{ background-color: rgb(170,  
135, 56) }
```

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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