

Converting Colors

XYZ(25.0685, 26.1127, 8.7684)

Have a look what the booklet for
XYZ(25.0685, 26.1127, 8.7684)
contains.

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Color

**XYZ(25.0041, 26.0595,
8.7132)**

Conversions

Conversions Part 1

Format	Color
Hex	A38941
RGB	163, 137, 65
RGB Percent	64%, 54%, 25%
CMY	0.3608, 0.4627, 0.7451
CMYK	0.00, 0.16, 0.60, 0.36
HSL	44°, 43%, 45%
HSV	44°, 60%, 64%
XYZ	25.0041, 26.0595, 8.7132
YIQ	136.5660, 38.6080, -16.8800

Conversions

Conversions Part 2

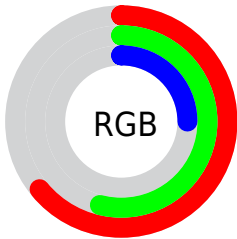
Format	Color
R_{YB}	100, 163, 65
Decimal	10717505
CIE _{Lab}	58.09, 1.01, 41.56
CIE _{LCh}	58, 41.574, 88.610
Y _{xy}	26.0595, 0.4183, 0.4359
Android (android.graphics.Color)	4288907585 (0xFFA38941)
YUV	136.5660, -35.2820, 23.1826
Hunter-Lab	51.0485, -1.9037, 25.6141

Details

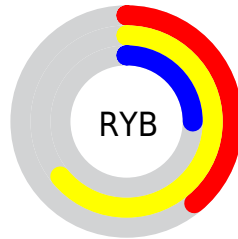
The XYZ color **25.0041, 26.0595, 8.7132** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **12.5319, 11.2501, 36.1613**, and the grayscale version is **23.7333, 24.9693, 27.1915**.

A 20% lighter version of the original color is **51.0232, 53.2804, 23.8146**, and **9.6788, 10.0390, 1.8795** is the 20% darker color. If you saturate the color by 10%, you get **23.9962, 24.6934, 6.3745**, and if you desaturate by 10%, it is **26.1741, 27.5318, 11.7788**.

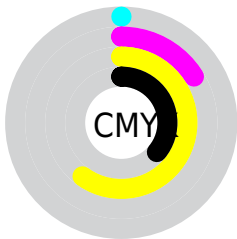
Distribution



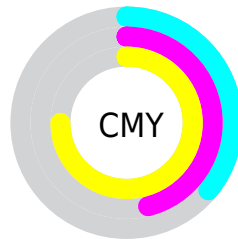
- Red (64%)
- Green (54%)
- Blue (25%)



- Red (39%)
- Yellow (64%)
- Blue (25%)



- Cyan (0%)
- Magenta (16%)
- Yellow (60%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0041, 26.0595, 8.7132 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 25.0041, 26.0595, 8.7132 by changing the saturation by 10% instead.

■ 25.0041, 26.0595,
8.7132

■ 25.0041, 26.0595,
8.7132

270.2056,
283.0740, 191.3624

■ 16.2089, 16.8682,
4.4603

■ 51.1067, 53.3709,
23.9140

■ 9.7639, 10.1405,
1.8811

■ 69.1448, 72.2598,
35.6991

■ 5.3037, 5.4922,
0.4807

■ 90.9946, 95.1499,
50.8319

■ 2.4631, 2.5389,
0.0000

■ 117.0213,
122.4258, 69.7312

■ 0.8767, 0.8960,
0.0000

■ 147.5904,
154.4717, 92.8153

■ 0.0000, 0.0000,
0.0000

183.0673,

191.6722, 120.5028

223.8172,
234.4115, 153.2123

■ 25.0041, 26.0595,
8.7132

■ 25.0041, 26.0595,
8.7132

■ 23.9962, 24.6934,
6.3745

■ 26.1741, 27.5318,
11.7788

■ 23.1362, 23.4245,
4.6973

■ 27.5154, 29.1115,
15.6259

■ 22.4103, 22.2477,
3.6073

■ 29.0384, 30.8042,
20.3058

■ 21.7920, 21.1621,
2.9361

■ 30.7522, 32.6139,
25.8647

■ 32.6652, 34.5445,
32.3456

■ 34.7853, 36.5995,
39.7886

■ 37.1198, 38.7823,
48.2314

■ 39.6757, 41.0961,
57.7098

■ 42.4599, 43.5439,
68.2576

Harmonies

Analogous

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



30.1562, 26.0595, 10.6877



25.0041, 26.0595, 8.7132



20.4197, 26.0595, 10.3411

Triad

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



25.0041, 26.0595, 8.7132



17.2105, 26.0595, 43.8142



33.9775, 26.0595, 45.3872

Complementary

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



25.0041, 26.0595, 8.7132



12.5319, 11.2501, 36.1613

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.



29.6953, 26.0595, 60.3039



25.0041, 26.0595, 8.7132



20.0645, 26.0595, 59.2002

Square

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



25.0041, 26.0595, 8.7132



16.3026, 26.0595, 27.7078



24.5349, 26.0595, 66.0556



35.7518, 26.0595, 29.0515

Rectangle

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



25.0041, 26.0595, 8.7132



18.1976, 26.0595, 13.7167



24.5349, 26.0595, 66.0556



32.7574, 26.0595, 50.9142

Sweetspot

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



25.0047, 26.0607, 8.7137



55.6608, 59.0111, 48.2729



18.8888, 12.3250, 11.3115



12.2967, 13.0431, 10.1624



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.0047, 26.0607, 8.7137



42.4525, 43.4750, 10.3274



24.8892, 32.1631, 9.8977



7.4897, 7.9178, 7.5136



16.9750, 16.5239, 2.2948



0.3921, 0.4180, 0.0600

Inverse Universe

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



12.5319, 11.2501, 36.1613



18.1858, 14.7278, 63.9404



12.5133, 8.4935, 35.6302



6.8462, 7.1514, 8.9226



5.8489, 3.4772, 27.2927



0.1594, 0.1460, 0.5856

Previews

White Background



This preview shows how the XYZ color 25.0041, 26.0595, 8.7132 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 25.0041, 26.0595, 8.7132 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 25.0041, 26.0595, 8.7132

Background



This preview shows how black text looks on a background with the XYZ color 25.0041, 26.0595, 8.7132.



This preview shows how white text looks on a background with the XYZ color 25.0041, 26.0595,

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

25.0041, 26.0595, 8.7132

Protanopia

23.8790, 26.1181, 8.9370

Deuteranopia

26.6045, 26.0526, 8.7807



Tritanopia

28.8726, 25.9996, 27.9228

Trichromacy



Original Color

25.0041, 26.0595, 8.7132

Protanomaly

24.3165, 26.1277, 8.9158

Deuteranomaly

25.8707, 25.8786, 8.7858

Tritanomaly

27.1122, 25.8879, 18.8971

Monochromacy



Original Color

25.0041, 26.0595, 8.7132

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6690, 25.1500, 18.6459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0041, 26.0595, 8.7132 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(163, 137, 65)` looks like.

```
.text, #text, p{  
    color:rgb(163, 137, 65)  
}
```

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(163, 137, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 137, 65) }
```

Border

The CSS property to change the border of an element to XYZ 25.0041, 26.0595, 8.7132 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(163, 137, 65) }
```


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

```
.border{ border-color:rgb(163, 137, 65) }
```

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

Here you see how a box with a 4 pixel rgb(163, 137, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 137, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 137, 65);  
box-shadow:4px 4px 4px 4px rgb(163, 137,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0041, 26.0595, 8.7132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 137, 65) }
```

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

```
.background{ background-color: rgb(163,  
137, 65) }
```

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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