

Converting Colors

XYZ(25.2389, 26.1772, 8.8767)

Have a look what the booklet for
XYZ(25.2389, 26.1772, 8.8767)
contains.

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Color

**XYZ(25.2389, 26.1772,
8.8767)**

Conversions

Conversions Part 1

Format	Color
Hex	A48942
RGB	164, 137, 66
RGB Percent	64%, 54%, 26%
CMY	0.3569, 0.4627, 0.7412
CMYK	0.00, 0.16, 0.60, 0.36
HSL	43°, 43%, 45%
HSV	43°, 60%, 64%
XYZ	25.2389, 26.1772, 8.8767
YIQ	136.9790, 38.8830, -16.3570

Conversions

Conversions Part 2

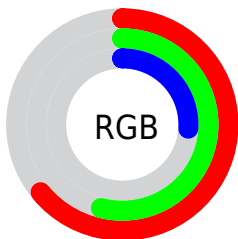
Format	Color
R_{YB}	103, 164, 66
Decimal	10783042
CIE _{Lab}	58.20, 1.53, 41.22
CIE _{LCh}	58, 41.246, 87.877
Yxy	26.1772, 0.4186, 0.4342
Android (android.graphics.Color)	4288973122 (0xFFA48942)
YUV	136.9790, -34.9926, 23.6974
Hunter-Lab	51.1637, -1.4828, 25.5280

Details

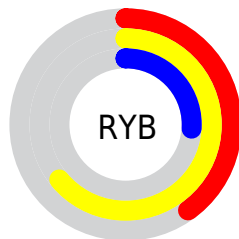
The XYZ color **25.2389, 26.1772, 8.8767** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **12.8618, 11.6668, 36.6959**, and the grayscale version is **23.8883, 25.1324, 27.3692**.

A 20% lighter version of the original color is **51.3846, 53.4600, 24.1336**, and **9.8084, 10.1050, 1.9237** is the 20% darker color. If you saturate the color by 10%, you get **24.1944, 24.7542, 6.4756**, and if you desaturate by 10%, it is **26.4502, 27.7119, 12.0179**.

Distribution



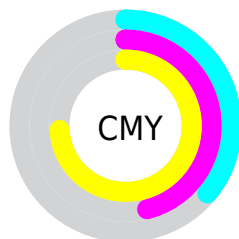
- Red (64%)
- Green (54%)
- Blue (26%)



- Red (40%)
- Yellow (64%)
- Blue (26%)



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



- Cyan (36%)
- Magenta (46%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2389, 26.1772, 8.8767 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 25.2389, 26.1772, 8.8767 by changing the saturation by 10% instead.

■ 25.2389, 26.1772,
8.8767

■ 25.2389, 26.1772,
8.8767

271.3513,
283.6509, 192.6395

■ 16.3848, 16.9563,
4.5651

■ 51.4846, 53.5607,
24.2340

■ 9.8894, 10.2033,
1.9402

■ 69.6070, 72.4920,
36.1167

■ 5.3874, 5.5340,
0.5181

■ 91.5495, 95.4289,
51.3603

■ 2.5134, 2.5638,
0.0000

■ 117.6774,
122.7558, 70.3833

■ 0.9020, 0.9085,
0.0000

■ 148.3563,
154.8570, 93.6041

■ 0.0000, 0.0000,
0.0000

183.9513,

192.1170, 121.4414

224.8279,
234.9201, 154.3137

■ 25.2389, 26.1772,
8.8767

■ 25.2389, 26.1772,
8.8767

■ 24.1944, 24.7542,
6.4756

■ 26.4502, 27.7119,
12.0179

■ 23.3023, 23.4337,
4.7487

■ 27.8375, 29.3596,
15.9545

■ 22.5485, 22.2105,
3.6208

■ 29.4115, 31.1260,
20.7384

■ 21.9009, 21.0713,
2.9244

■ 31.1813, 33.0153,
26.4163

■ 21.8856, 21.0441,
2.9084

■ 33.1556, 35.0313,
33.0319

■ 35.3422, 37.1779,
40.6258

■ 37.7488, 39.4583,
49.2361

■ 40.3825, 41.8761,
58.8991

■ 43.2501, 44.4343,
69.6491

Harmonies

Analogous

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



30.3578, 26.1772, 10.9503



25.2389, 26.1772, 8.8767



20.6459, 26.1772, 10.4195

Triad

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



25.2389, 26.1772, 8.8767



17.3052, 26.1772, 43.4327



33.9553, 26.1772, 45.8171

Complementary

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



25.2389, 26.1772, 8.8767



12.8618, 11.6668, 36.6959

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.



29.6581, 26.1772, 60.4739



25.2389, 26.1772, 8.8767



20.1054, 26.1772, 58.8035

Square

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



25.2389, 26.1772, 8.8767



16.4481, 26.1772, 27.4935



24.5258, 26.1772, 65.8783



35.7923, 26.1772, 29.5359

Rectangle

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



25.2389, 26.1772, 8.8767



18.4024, 26.1772, 13.7228



24.5258, 26.1772, 65.8783



32.7246, 26.1772, 51.2783

Sweetspot

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



25.2395, 26.1785, 8.8772



57.0842, 60.4327, 49.5459



19.2681, 12.5931, 11.9503



12.2735, 12.9966, 10.1547



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.



25.2395, 26.1785, 8.8772



43.3035, 44.0494, 10.4917



25.5462, 32.7631, 10.1320



7.4837, 7.9058, 7.5116



16.8221, 16.2181, 2.2438



0.3897, 0.4133, 0.0592

Inverse Universe

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



12.8618, 11.6668, 36.6959



18.8219, 15.4186, 65.7364



12.6016, 8.6145, 36.1205



6.8519, 7.1628, 8.9245



5.8980, 3.5754, 27.3090



0.1613, 0.1499, 0.5863

Previews

White Background



This preview shows how the XYZ color 25.2389, 26.1772, 8.8767 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 25.2389, 26.1772, 8.8767 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 25.2389, 26.1772, 8.8767

Background



This preview shows how black text looks on a background with the XYZ color 25.2389, 26.1772, 8.8767.



This preview shows how white text looks on a background with the XYZ color 25.2389, 26.1772,

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

25.2389, 26.1772, 8.8767

Protanopia

23.9088, 26.1300, 9.0937

Deuteranopia

26.6342, 26.0645, 8.9374



Tritanopia

29.0880, 26.1106, 27.9328

Trichromacy



Original Color

25.2389, 26.1772, 8.8767

Protanomaly

24.3463, 26.1396, 9.0724

Deuteranomaly

26.1158, 26.0015, 8.9525

Tritanomaly

27.3243, 25.9972, 18.9070

Monochromacy



Original Color

25.2389, 26.1772, 8.8767

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8475, 25.2421, 18.6542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2389, 26.1772, 8.8767 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(164, 137, 66)` looks like.

```
.text, #text, p{  
    color:rgb(164, 137, 66)  
}
```

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(164, 137, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 137, 66) }
```

Border

The CSS property to change the border of an element to XYZ 25.2389, 26.1772, 8.8767 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(164, 137, 66) }
```


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

```
.border{ border-color:rgb(164, 137, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 137, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 137, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 137, 66);  
box-shadow:4px 4px 4px 4px rgb(164, 137,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2389, 26.1772, 8.8767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 137, 66) }
```

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

```
.background{ background-color: rgb(164,  
137, 66) }
```

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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