

Converting Colors

XYZ(26.0785, 24.2815, 21.1775)

Have a look what the booklet for
XYZ(26.0785, 24.2815, 21.1775)
contains.

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Color

**XYZ(26.0838, 24.3213,
21.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	A37F78
RGB	163, 127, 120
RGB Percent	64%, 50%, 47%
CMY	0.3608, 0.5019, 0.5294
CMYK	0.00, 0.22, 0.26, 0.36
HSL	10°, 19%, 55%
HSV	10°, 26%, 64%
XYZ	26.0838, 24.3213, 21.0890
YIQ	136.9660, 23.7030, 5.4550

Conversions

Conversions Part 2

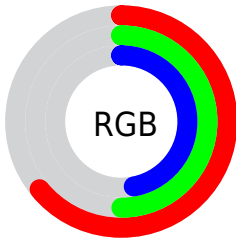
Format	Color
R_{YB}	163, 128, 120
Decimal	10715000
CIE _{Lab}	56.41, 12.82, 9.12
CIE _{LCh}	56, 15.736, 35.443
Yxy	24.3213, 0.3648, 0.3402
Android (android.graphics.Color)	4288905080 (0xFFA37F78)
YUV	136.9660, -8.3642, 22.8318
Hunter-Lab	49.3166, 8.1054, 9.1678

Details

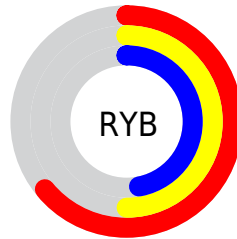
The XYZ color **26.0838, 24.3213, 21.0890** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2448, 30.4136, 39.1377**, and the grayscale version is **23.7898, 25.0288, 27.2563**.

A 20% lighter version of the original color is **52.9811, 50.6811, 46.0198**, and **10.3245, 9.2317, 7.3686** is the 20% darker color. If you saturate the color by 10%, you get **23.5331, 20.6704, 15.7666**, and if you desaturate by 10%, it is **29.0430, 28.5192, 27.3789**.

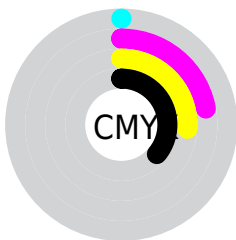
Distribution



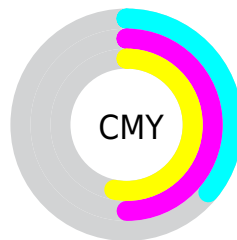
- Red (64%)
- Green (50%)
- Blue (47%)



- Red (64%)
- Yellow (50%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (26%)
- Black (36%)





- Cyan (36%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0838, 24.3213, 21.0890 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 26.0838, 24.3213, 21.0890 by changing the saturation by 10% instead.

 26.0838, 24.3213,
21.0890


 26.0838, 24.3213,
21.0890


275.4424,
274.4409, 270.5477


 17.0194, 15.5721,
12.9972


 52.8404, 50.5540,
46.1183

 10.3437, 9.2219,
7.2959


 71.2633, 68.8063,
63.8929

 5.6914, 4.8862,
3.5666


 93.5365, 90.9952,
85.7322

 2.6972, 2.1806,
1.3907

120.0251,
117.5049, 112.0547

 0.9958, 0.7094,
0.1345

151.0947,
148.7200, 143.2789

 0.0000, 0.0000,
0.0000

187.1105,

185.0247, 179.8235

228.4379,
226.8035, 222.1069

■ 26.0838, 24.3213,
21.0890

■ 26.0838, 24.3213,
21.0890

■ 23.5331, 20.6704,
15.7666

■ 29.0430, 28.5192,
27.3789

■ 21.3708, 17.5407,
11.3623

■ 32.4255, 33.2819,
34.6796

■ 19.5781, 14.9092,
7.8241

■ 36.2481, 38.6306,
43.0334

■ 18.1339, 12.7500,
5.0947

■ 40.5257, 44.5842,
52.4800

■ 17.0149, 11.0348,
3.1095

■ 45.2729, 51.1610,
63.0569

■ 16.1945, 9.7321,
1.7942

■ 50.5034, 58.3784,
74.7997

■ 15.6395, 8.8051,
1.0447

■ 56.2302, 66.2530,
87.7427

■ 15.4860, 8.5498,
0.8341

■ 62.4663, 74.8011,
101.9185

■ 67.2817, 83.2613,
107.1327

Harmonies

Analogous

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



26.7750, 24.3213, 25.5432



26.0838, 24.3213, 21.0890



24.6004, 24.3213, 18.3781

Triad

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



26.0838, 24.3213, 21.0890



20.0801, 24.3213, 22.5344



23.4499, 24.3213, 37.7533

Complementary

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



26.0838, 24.3213, 21.0890



26.2448, 30.4136, 39.1377

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.



21.6938, 24.3213, 36.6737



26.0838, 24.3213, 21.0890



19.8077, 24.3213, 27.4431

Square

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



26.0838, 24.3213, 21.0890



21.1478, 24.3213, 19.1328



20.3835, 24.3213, 32.7234



25.2041, 24.3213, 35.5061

Rectangle

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



26.0838, 24.3213, 21.0890



23.3956, 24.3213, 17.7015



20.3835, 24.3213, 32.7234



22.8400, 24.3213, 37.7704

Sweetspot

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



26.0845, 24.3224, 21.0895



56.9435, 58.0213, 59.6607



27.8684, 23.6387, 34.7914



12.5850, 12.7442, 12.9573



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.



26.0845, 24.3224, 21.0895



43.7921, 39.3831, 31.6479



29.0767, 30.3070, 22.0869



7.1627, 7.2637, 7.4046



12.0587, 6.6914, 0.6560



0.2782, 0.1903, 0.0221

Inverse Universe

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



26.2448, 30.4136, 39.1377



44.1256, 52.2543, 69.8165



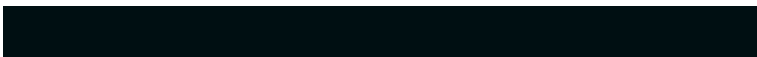
23.0278, 23.9796, 38.0654



7.1775, 7.8139, 9.0330



12.0579, 15.8953, 29.3624



0.2780, 0.3832, 0.6252

Previews

White Background



This preview shows how the XYZ color 26.0838, 24.3213, 21.0890 looks on a white background.

Color Contrast Check

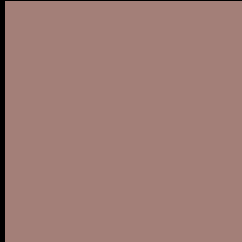
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0838, 24.3213, 21.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

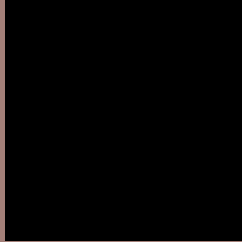
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0838, 24.3213, 21.0890

Background



This preview shows how black text looks on a background with the XYZ color 26.0838, 24.3213, 21.0890.



This preview shows how white text looks on a background with the XYZ color 26.0838, 24.3213,

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

26.0838, 24.3213, 21.0890

Protanopia

23.2866, 24.4459, 22.5600

Deuteranopia

24.7725, 24.4345, 20.8634



Tritanopia

27.1537, 24.3878, 25.8304

Trichromacy



Original Color

26.0838, 24.3213, 21.0890

Protanomaly

24.2208, 24.3221, 22.1570

Deuteranomaly

25.2170, 24.4653, 20.8460

Tritanomaly

26.7331, 24.3992, 24.0694

Monochromacy



Original Color

26.0838, 24.3213, 21.0890

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.3383, 24.5247, 24.9237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0838, 24.3213, 21.0890 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, 127, 120)` looks like.

```
.text, #text, p{  
    color:rgb(163, 127, 120)  
}
```

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, 127, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 127, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.0838, 24.3213, 21.0890 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, 127, 120) }
```


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

```
.border{ border-color:rgb(163, 127, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 127, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 127, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 127, 120); box-shadow:4px 4px 4px 4px rgb(163, 127, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0838, 24.3213, 21.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 127, 120) }
```

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

```
.background{ background-color: rgb(163,  
127, 120) }
```

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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