

Converting Colors

XYZ(26.1364, 21.2866, 17.2243)

Have a look what the booklet for
XYZ(26.1364, 21.2866, 17.2243)
contains.

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Color

**XYZ(26.1335, 21.2715,
17.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	B06D6D
RGB	176, 109, 109
RGB Percent	69%, 43%, 43%
CMY	0.3098, 0.5725, 0.5725
CMYK	0.00, 0.38, 0.38, 0.31
HSL	0°, 30%, 56%
HSV	0°, 38%, 69%
XYZ	26.1335, 21.2715, 17.1964
YIQ	129.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

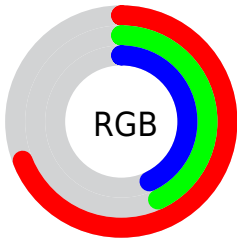
Format	Color
R_{YB}	176, 109, 109
Decimal	11562349
CIE _{Lab}	53.25, 26.66, 11.28
CIE _{LCh}	53, 28.947, 22.937
Yxy	21.2715, 0.4045, 0.3293
Android (android.graphics.Color)	4289752429 (0xFFB06D6D)
YUV	129.0330, -9.8763, 41.1901
Hunter-Lab	46.1210, 20.4314, 10.1782

Details

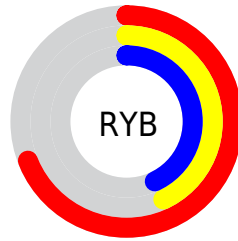
The XYZ color **26.1335, 21.2715, 17.1964** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.6679, 37.4352, 46.7365**, and the grayscale version is **20.9020, 21.9905, 23.9477**.

A 20% lighter version of the original color is **52.6943, 45.3514, 39.2341**, and **10.3705, 7.6445, 5.4864** is the 20% darker color. If you saturate the color by 10%, you get **23.5861, 17.5441, 12.1316**, and if you desaturate by 10%, it is **29.2476, 25.8286, 23.3864**.

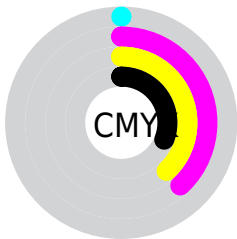
Distribution



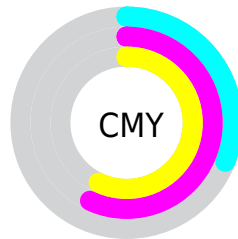
- Red (69%)
- Green (43%)
- Blue (43%)



- Red (69%)
- Yellow (43%)
- Blue (43%)



- Cyan (0%)
- Magenta (38%)
- Yellow (38%)
- Black (31%)





- Cyan (31%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1335, 21.2715, 17.1964 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 26.1335, 21.2715, 17.1964 by changing the saturation by 10% instead.


 26.1335, 21.2715,
17.1964


 26.1335, 21.2715,
17.1964


275.6815,
258.7179, 248.3838


 17.0567, 13.3226,
10.2112


 52.9200, 45.5389,
39.4584


 10.3705, 7.6511,
5.4318


 71.3605, 62.6263,
55.5723

 5.7094, 3.8725,
2.4396

 93.6529, 83.5286,
75.5661

 2.7082, 1.6025,
0.8079

 120.1626,
108.6302, 99.8585

 1.0014, 0.3593,
0.0000

151.2549,
138.3155, 128.8679

 0.0000, 0.0000,
0.0000

187.2953,

172.9690, 163.0129

228.6490,
212.9750, 202.7120

■ 26.1335, 21.2715,
17.1964

■ 26.1335, 21.2715,
17.1964

■ 23.5861, 17.5441,
12.1316

■ 29.2476, 25.8286,
23.3864

■ 21.5698, 14.5936,
8.1234

■ 32.9580, 31.2579,
30.7624

■ 20.0476, 12.3661,
5.0974

■ 37.2939, 37.6025,
39.3821

■ 18.9769, 10.7995,
2.9692

■ 42.2824, 44.9021,
49.2992

■ 18.3083, 9.8210,
1.6402

■ 47.9489, 53.1938,
60.5641

■ 17.9602, 9.3116,
0.9484

■ 54.3175, 62.5127,
73.2248

■ 17.9047, 9.2304,
0.8380

■ 61.4110, 72.8924,
87.3267

■ 69.2512, 84.3648,
102.9131

■ 71.7146, 87.9701,
107.8079

Harmonies

Analogous

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



26.6356, 21.2715, 25.2949



26.1335, 21.2715, 17.1964



23.9745, 21.2715, 12.1510

Triad

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



26.1335, 21.2715, 17.1964



15.8778, 21.2715, 14.4190



19.5032, 21.2715, 44.2256

Complementary

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



26.1335, 21.2715, 17.1964



29.6679, 37.4352, 46.7365

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.



16.8758, 21.2715, 39.3730



26.1335, 21.2715, 17.1964



14.9240, 21.2715, 21.1507

Square

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



26.1335, 21.2715, 17.1964



18.0110, 21.2715, 10.8527



15.2700, 21.2715, 30.3664



22.5981, 21.2715, 42.3980

Rectangle

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



26.1335, 21.2715, 17.1964



21.9936, 21.2715, 10.5004



15.2700, 21.2715, 30.3664



18.5405, 21.2715, 43.2877

Sweetspot

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



26.1341, 21.2725, 17.1968



65.0565, 64.4200, 66.2927



31.2098, 23.3022, 43.9273



13.8707, 13.6272, 13.9134



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.1341, 21.2725, 17.1968



43.3062, 32.5931, 23.0542



30.4126, 29.8296, 18.6230



8.4964, 8.5053, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0193

Inverse Universe

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



29.6679, 37.4352, 46.7365



50.6711, 66.2774, 84.6175



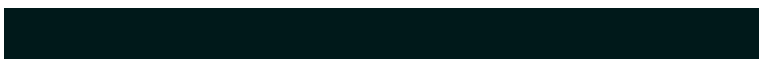
23.8909, 25.8812, 44.8108



8.7426, 9.6315, 10.9046



17.1396, 25.0795, 34.0745



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 26.1335, 21.2715, 17.1964 looks on a white background.

Color Contrast Check

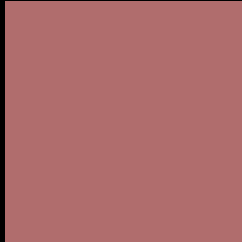
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1335, 21.2715, 17.1964 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 26.1335, 21.2715, 17.1964

Background



This preview shows how black text looks on a background with the XYZ color 26.1335, 21.2715, 17.1964.



This preview shows how white text looks on a background with the XYZ color 26.1335, 21.2715,

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

26.1335, 21.2715, 17.1964

Protanopia

20.3751, 21.3923, 20.1948

Deuteranopia

21.7694, 21.4305, 16.8990



Tritanopia

26.6464, 21.3332, 19.2363

Trichromacy



Original Color

26.1335, 21.2715, 17.1964

Protanomaly

22.0237, 20.9666, 19.1058

Deuteranomaly

23.2858, 21.3087, 17.0731

Tritanomaly

26.4747, 21.2645, 18.3319

Monochromacy



Original Color

26.1335, 21.2715, 17.1964

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.3264, 21.4352, 21.3730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1335, 21.2715, 17.1964 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(176, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(176, 109, 109)  
}
```

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(176, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 109, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.1335, 21.2715, 17.1964 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(176, 109, 109) }
```


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

```
.border{ border-color:rgb(176, 109, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 109, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 109, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 109, 109);  
box-shadow:4px 4px 4px 4px rgb(176, 109,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1335, 21.2715, 17.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 109, 109) }
```

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

```
.background{ background-color: rgb(176,  
109, 109) }
```

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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