

Converting Colors

XYZ(25.5336, 20.9639, 14.7611)

Have a look what the booklet for
XYZ(25.5336, 20.9639, 14.7611)
contains.

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Color

**XYZ(25.6734, 21.0875,
14.7737)**

Conversions

Conversions Part 1

Format	Color
Hex	B06D64
RGB	176, 109, 100
RGB Percent	69%, 43%, 39%
CMY	0.3098, 0.5725, 0.6078
CMYK	0.00, 0.38, 0.43, 0.31
HSL	7°, 32%, 54%
HSV	7°, 43%, 69%
XYZ	25.6734, 21.0875, 14.7737
YIQ	128.0070, 42.8210, 11.4050

Conversions

Conversions Part 2

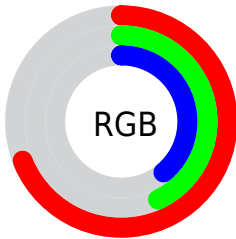
Format	Color
RYB	176, 110, 100
Decimal	11562340
CIELab	53.05, 25.60, 16.27
CIElCh	53, 30.335, 32.439
Yxy	21.0875, 0.4172, 0.3427
Android (android.graphics.Color)	4289752420 (0xFFB06D64)
YUV	128.0070, -13.8075, 42.0899
Hunter-Lab	45.9211, 19.4331, 13.0701

Details

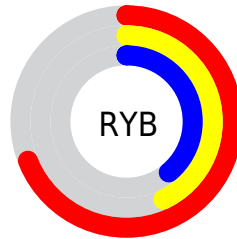
The XYZ color **25.6734, 21.0875, 14.7737** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9100, 33.4798, 46.1182**, and the grayscale version is **20.5567, 21.6273, 23.5521**.

A 20% lighter version of the original color is **52.2625, 45.2165, 35.2513**, and **10.1436, 7.5537, 4.2915** is the 20% darker color. If you saturate the color by 10%, you get **23.4003, 17.7604, 10.2576**, and if you desaturate by 10%, it is **28.4238, 25.0746, 20.3572**.

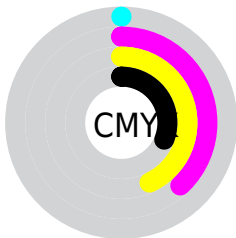
Distribution



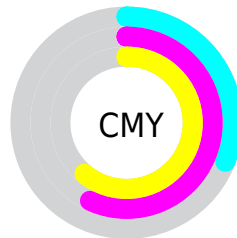
- Red (69%)
- Green (43%)
- Blue (39%)



- Red (69%)
- Yellow (43%)
- Blue (39%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (31%)



- Cyan (31%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6734, 21.0875, 14.7737 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 25.6734, 21.0875, 14.7737 by changing the saturation by 10% instead.

■ 25.6734, 21.0875,
14.7737

■ 25.6734, 21.0875,
14.7737

273.4613,
257.7431, 233.5858

■ 16.7109, 13.1880,
8.5159

■ 52.1827, 45.2331,
35.1924

■ 10.1226, 7.5581,
4.3343

■ 70.4601, 62.2480,
50.1903

■ 5.5432, 3.8135,
1.8105

■ 92.5732, 83.0701,
68.9386

■ 2.6074, 1.5698,
0.4349

■ 118.8873,
108.0839, 91.8559

■ 0.9497, 0.3371,
0.0000

149.7679,
137.6737, 119.3608

■ 0.0000, 0.0000,
0.0000

185.5801,

172.2239, 151.8717

226.6895,
212.1189, 189.8071

■ 25.6734, 21.0875,
14.7737

■ 25.6734, 21.0875,
14.7737

■ 23.4003, 17.7604,
10.2576

■ 28.4238, 25.0746,
20.3572

■ 21.5755, 15.0547,
6.7395

■ 31.6749, 29.7513,
27.0690

■ 20.1694, 12.9325,
4.1438


■ 35.4508, 35.1494,
34.9668


■ 19.1481, 11.3505,
2.3834


■ 39.7732, 41.2976,
44.1042

■ 18.4722, 10.2593,
1.3545


■ 44.6628, 48.2232,
54.5314

 18.1699, 9.7610,
0.9264

 50.1391, 55.9520,
66.2957

 56.2208, 64.5086,
79.4422

 62.9257, 73.9167,
94.0139

 69.7184, 83.9779,
107.1426

Harmonies

Analogous

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



26.8112, 21.0875, 22.2219



25.6734, 21.0875, 14.7737



23.0147, 21.0875, 10.6504

Triad

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



25.6734, 21.0875, 14.7737



15.0858, 21.0875, 15.7590



20.3050, 21.0875, 45.3414

Complementary

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



25.6734, 21.0875, 14.7737



26.9100, 33.4798, 46.1182

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.



17.3388, 21.0875, 42.3016



25.6734, 21.0875, 14.7737



14.5221, 21.0875, 23.7157

Square

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



25.6734, 21.0875, 14.7737



16.9319, 21.0875, 11.1042



15.3026, 21.0875, 33.7216



23.5136, 21.0875, 41.1891

Rectangle

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



25.6734, 21.0875, 14.7737



20.8604, 21.0875, 9.5858



15.3026, 21.0875, 33.7216



19.2473, 21.0875, 45.1265

Sweetspot

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



25.6739, 21.0885, 14.7741



64.2622, 63.7012, 63.3471



29.4491, 21.1395, 39.1521



13.5875, 13.3212, 13.0158



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.



25.6739, 21.0885, 14.7741



42.5413, 32.3601, 18.8015



30.6178, 30.9763, 16.4221



8.5748, 8.6621, 8.8725



13.3552, 7.2090, 0.6876



0.4461, 0.2787, 0.0303

Inverse Universe

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



26.9100, 33.4798, 46.1182



45.0556, 57.7953, 83.2762



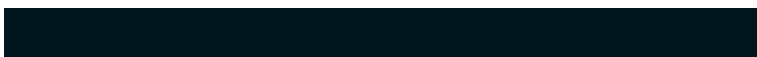
20.9600, 21.5797, 44.1349



8.6550, 9.4562, 10.8754



14.3960, 19.5924, 33.1600



0.4771, 0.6647, 1.0514

Previews

White Background



This preview shows how the XYZ color 25.6734, 21.0875, 14.7737 looks on a white background.

Color Contrast Check

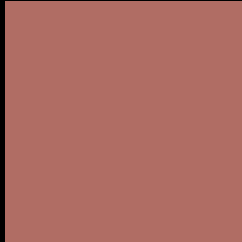
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6734, 21.0875, 14.7737 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 25.6734, 21.0875, 14.7737

Background



This preview shows how black text looks on a background with the XYZ color 25.6734, 21.0875, 14.7737.



This preview shows how white text looks on a background with the XYZ color 25.6734, 21.0875,

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

25.6734, 21.0875, 14.7737

Protanopia

20.1812, 21.3512, 17.5255

Deuteranopia

21.5586, 21.1905, 14.5092



Tritanopia

26.4837, 21.1003, 18.8966

Trichromacy



Original Color

25.6734, 21.0875, 14.7737

Protanomaly

21.7124, 20.8631, 16.5183

Deuteranomaly

22.9115, 20.9944, 14.6491

Tritanomaly

26.3085, 21.1980, 17.4569

Monochromacy



Original Color

25.6734, 21.0875, 14.7737

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.7844, 21.0025, 20.0453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6734, 21.0875, 14.7737 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(176, 109, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 109, 100) }
```

Border

The CSS property to change the border of an element to XYZ 25.6734, 21.0875, 14.7737 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, 100) }
```


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

```
.border{ border-color:rgb(176, 109, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 109, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 109, 100);  
box-shadow:4px 4px 4px 4px rgb(176, 109,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6734, 21.0875, 14.7737 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, 100) }
```

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

```
.background{ background-color: rgb(176,  
109, 100) }
```

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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