

Converting Colors

XYZ(25.1301, 21.5979, 12.9026)

Have a look what the booklet for
XYZ(25.1301, 21.5979, 12.9026)
contains.

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Color

**XYZ(25.1827, 21.6916,
12.9848)**

Conversions

Conversions Part 1

Format	Color
Hex	AD725C
RGB	173, 114, 92
RGB Percent	68%, 45%, 36%
CMY	0.3216, 0.5529, 0.6392
CMYK	0.00, 0.34, 0.47, 0.32
HSL	16°, 33%, 52%
HSV	16°, 47%, 68%
XYZ	25.1827, 21.6916, 12.9848
YIQ	129.1330, 42.2260, 5.6660

Conversions

Conversions Part 2

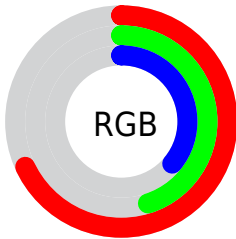
Format	Color
R_{YB}	173, 122, 92
Decimal	11367004
CIE Lab	53.70, 20.71, 21.73
CIE LCh	54, 30.018, 46.365
Yxy	21.6916, 0.4207, 0.3624
Android (android.graphics.Color)	4289557084 (0xFFAD725C)
YUV	129.1330, -18.3066, 38.4714
Hunter-Lab	46.5742, 15.0101, 16.0720

Details

The XYZ color **25.1827, 21.6916, 12.9848** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0225, 27.4244, 43.6152**, and the grayscale version is **20.9652, 22.0570, 24.0201**.

A 20% lighter version of the original color is **51.4737, 46.2144, 31.7985**, and **9.8547, 7.8294, 3.5766** is the 20% darker color. If you saturate the color by 10%, you get **23.1864, 18.7742, 9.0048**, and if you desaturate by 10%, it is **27.5486, 25.0718, 17.9404**.

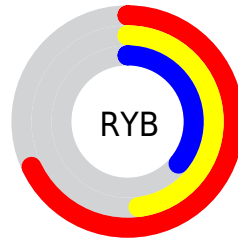
Distribution



Red (68%)

Green (45%)

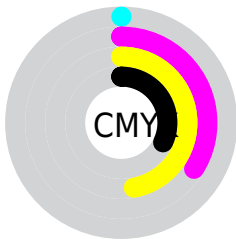
Blue (36%)



Red (68%)

Yellow (48%)

Blue (36%)

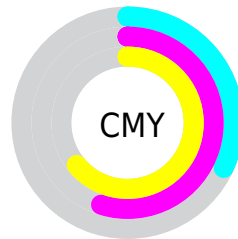


Cyan (0%)

Magenta (34%)

Yellow (47%)

Black (32%)



Cyan (32%)


Magenta (55%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1827, 21.6916, 12.9848 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 25.1827, 21.6916, 12.9848 by changing the saturation by 10% instead.


 25.1827, 21.6916,
12.9848


 25.1827, 21.6916,
12.9848


271.0775,
260.9315, 222.0246


 16.3427, 13.6305,
7.2875

 51.3942, 46.2357,
31.9673

 9.8594, 7.8641,
3.5614


 69.4964, 63.4876,
46.0895

 5.3674, 4.0081,
1.3879

 91.4168, 84.5717,
63.8571

 2.5013, 1.6781,
0.1323

 117.5205,
109.8726, 85.6886

 0.8959, 0.4094,
0.0000

148.1732,
139.7746, 112.0026

 0.0000, 0.0000,
0.0000

183.7399,

174.6622, 143.2175

224.5863,
214.9197, 179.7520

■ 25.1827, 21.6916,
12.9848

■ 25.1827, 21.6916,
12.9848

■ 23.1864, 18.7742,
9.0048

■ 27.5486, 25.0718,
17.9404

■ 21.5382, 16.2959,
5.9338

■ 30.3008, 28.9310,
23.9298

■ 20.2168, 14.2351,
3.6986


■ 33.4568, 33.2883,
31.0078


■ 19.1974, 12.5675,
2.2141

■ 37.0326, 38.1611,
39.2252


■ 18.4477, 11.2642,
1.3599


■ 41.0433, 43.5656,
48.6294

 18.2500, 10.9170,
1.1453

 45.5032, 49.5175,
59.2654

 50.4258, 56.0318,
71.1754

 55.8244, 63.1229,
84.4001

 61.7113, 70.8046,
98.9779

Harmonies

Analogous

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



27.1336, 21.6916, 18.9743



25.1827, 21.6916, 12.9848



22.1087, 21.6916, 10.2555

Triad

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



25.1827, 21.6916, 12.9848



15.1756, 21.6916, 19.6870



22.4080, 21.6916, 44.9964

Complementary

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



25.1827, 21.6916, 12.9848



23.0225, 27.4244, 43.6152

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.



19.1944, 21.6916, 45.3326



25.1827, 21.6916, 12.9848



15.2378, 21.6916, 28.9647

Square

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



25.1827, 21.6916, 12.9848



16.4600, 21.6916, 13.3891



16.6398, 21.6916, 38.8840



25.4214, 21.6916, 38.0585

Rectangle

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



25.1827, 21.6916, 12.9848



19.9396, 21.6916, 10.0336



16.6398, 21.6916, 38.8840



21.3100, 21.6916, 45.9372

Sweetspot

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



25.1832, 21.6927, 12.9852



61.4961, 61.7762, 59.1255



26.6793, 18.7861, 31.6688



13.0855, 13.0435, 12.2132



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.1832, 21.6927, 12.9852



41.4743, 33.5475, 16.0277



30.7375, 32.8013, 14.8366



8.1757, 8.3562, 8.3954



13.4491, 8.1038, 0.8553



0.4199, 0.3169, 0.0390

Inverse Universe

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



23.0225, 27.4244, 43.6152



37.0960, 44.9821, 77.5330



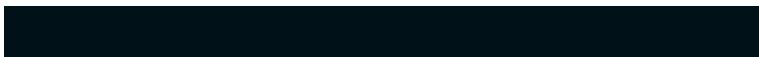
17.6302, 16.6397, 41.8177



8.0496, 8.6985, 10.2074



11.0720, 13.2778, 31.0238



0.3502, 0.4538, 0.8771

Previews

White Background



This preview shows how the XYZ color 25.1827, 21.6916, 12.9848 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 25.1827, 21.6916, 12.9848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

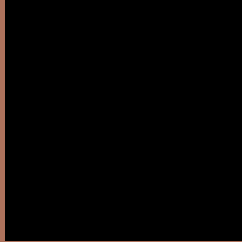
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1827, 21.6916, 12.9848

Background



This preview shows how black text looks on a background with the XYZ color 25.1827, 21.6916, 12.9848.



This preview shows how white text looks on a background with the XYZ color 25.1827, 21.6916,

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

25.1827, 21.6916, 12.9848

Protanopia

20.5361, 21.9856, 14.7166

Deuteranopia

22.0653, 21.6764, 12.6939



Tritanopia

26.5849, 21.5977, 20.2204

Trichromacy



Original Color

25.1827, 21.6916, 12.9848

Protanomaly

22.0815, 21.8391, 14.1179

Deuteranomaly

23.1020, 21.6619, 12.8611

Tritanomaly

25.9003, 21.4717, 17.2474

Monochromacy



Original Color

25.1827, 21.6916, 12.9848

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0371, 21.6960, 19.5493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1827, 21.6916, 12.9848 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(173, 114, 92)` looks like.

```
.text, #text, p{  
    color:rgb(173, 114, 92)  
}
```

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(173, 114, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 114, 92) }
```

Border

The CSS property to change the border of an element to XYZ 25.1827, 21.6916, 12.9848 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(173, 114, 92) }
```


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

```
.border{ border-color:rgb(173, 114, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 114, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 114, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 114, 92);  
box-shadow:4px 4px 4px 4px rgb(173, 114,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1827, 21.6916, 12.9848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 114, 92) }
```

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

```
.background{ background-color: rgb(173,  
114, 92) }
```

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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