

Converting Colors

XYZ(29.2278, 26.6541, 13.5383)

Have a look what the booklet for
XYZ(29.2278, 26.6541, 13.5383)
contains.

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Color

**XYZ(29.1624, 26.6657,
13.5075)**

Conversions

Conversions Part 1

Format	Color
Hex	B6825B
RGB	182, 130, 91
RGB Percent	71%, 51%, 36%
CMY	0.2863, 0.4902, 0.6431
CMYK	0.00, 0.29, 0.50, 0.29
HSL	26°, 38%, 54%
HSV	26°, 50%, 71%
XYZ	29.1624, 26.6657, 13.5075
YIQ	141.1020, 43.5110, -1.1050

Conversions

Conversions Part 2

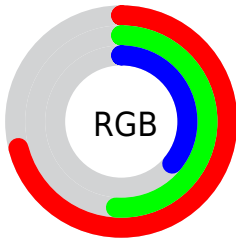
Format	Color
R_{YB}	182, 159, 91
Decimal	11960923
CIE _{Lab}	58.66, 15.41, 28.98
CIE _{LCh}	59, 32.824, 62.003
Yxy	26.6657, 0.4206, 0.3846
Android (android.graphics.Color)	4290151003 (0xFFB6825B)
YUV	141.1020, -24.7003, 35.8675
Hunter-Lab	51.6388, 10.4377, 20.6383




Details

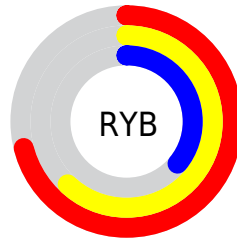
The XYZ color **29.1624, 26.6657, 13.5075** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.5799, 25.2454, 47.9387**, and the grayscale version is **25.4400, 26.7648, 29.1469**.




A 20% lighter version of the original color is **57.7512, 54.3452, 33.0370**, and **12.0012, 10.5023, 3.7775** is the 20% darker color. If you saturate the color by 10%, you get **27.1566, 23.7618, 9.4240**, and if you desaturate by 10%, it is **31.4998, 29.9280, 18.6414**.

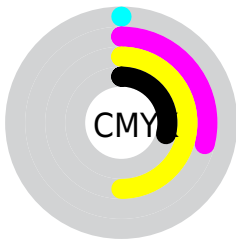
Distribution







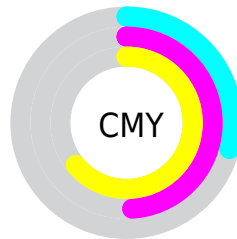
-  Red (71%)
-  Green (51%)
-  Blue (36%)






-  Red (71%)
-  Yellow (62%)
-  Blue (36%)



-  Cyan (0%)
-  Magenta (29%)
-  Yellow (50%)
-  Black (29%)



-  Cyan (29%)
-  Magenta (49%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1624, 26.6657, 13.5075 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 29.1624, 26.6657, 13.5075 by changing the saturation by 10% instead.

■ 29.1624, 26.6657,
13.5075

■ 29.1624, 26.6657,
13.5075

289.9608,
286.0348, 225.4659

■ 19.3486, 17.3223,
7.6441

■ 57.7308, 54.3470,
32.9170

■ 12.0279, 10.4646,
3.7836

■ 77.2161, 73.4536,
47.3002

■ 6.8350, 5.7080,
1.5074

■ 100.6559, 96.5835,
65.3605

■ 3.4046, 2.6684,
0.2234

■ 128.4157,
124.1210, 87.5163

■ 1.3711, 0.9612,
0.0000

160.8607,
156.4504, 114.1862

■ 0.2355, 0.0000,
0.0000

198.3563,

■ 0.0000, 0.0000,

193.9563, 145.7887

0.0000

241.2679,
237.0230, 182.7425

■ 29.1624, 26.6657,
13.5075

■ 29.1624, 26.6657,
13.5075

■ 27.1566, 23.7618,
9.4240

■ 31.4998, 29.9280,
18.6414

■ 25.4622, 21.1985,
6.3143

■ 34.1833, 33.5578,
24.8917

■ 24.0596, 18.9622,
4.0934

■ 37.2290, 37.5685,
32.3211

■ 22.9256, 17.0361,
2.6609

■ 40.6511, 41.9718,
40.9868

■ 22.0164, 15.3952,
1.8112

■ 44.4631, 46.7787,
50.9424

■ 22.0164, 15.3950,
1.8111

■ 48.6778, 51.9997,
62.2384

■ 53.3074, 57.6451,
74.9223

■ 58.3634, 63.7245,
89.0396

■ 63.8569, 70.2474,
104.6336

Harmonies

Analogous

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



32.5066, 26.6657, 18.7828



29.1624, 26.6657, 13.5075



25.0748, 26.6657, 12.0139

Triad

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



29.1624, 26.6657, 13.5075



18.3578, 26.6657, 29.8178



29.6811, 26.6657, 52.2349

Complementary

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



29.1624, 26.6657, 13.5075



22.5799, 25.2454, 47.9387

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.



25.6170, 26.6657, 57.3675



29.1624, 26.6657, 13.5075



19.3209, 26.6657, 42.4673

Square

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



29.1624, 26.6657, 13.5075



19.0956, 26.6657, 19.8068



21.8761, 26.6657, 53.3919



32.8277, 26.6657, 40.7579

Rectangle

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



29.1624, 26.6657, 13.5075



22.5490, 26.6657, 12.9268



21.8761, 26.6657, 53.3919



28.3629, 26.6657, 54.8785

Sweetspot

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



29.1631, 26.6670, 13.5080



70.3535, 71.8099, 65.7679



28.0730, 19.4437, 28.6926



15.2551, 15.4943, 13.8106



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.1631, 26.6670, 13.5080



48.8973, 42.5800, 16.4347



36.3964, 41.1338, 15.9192



9.3126, 9.6282, 9.4745



15.6111, 10.9985, 1.3001



0.6120, 0.5111, 0.0664

Inverse Universe

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



22.5799, 25.2454, 47.9387



35.5699, 39.6628, 86.0167



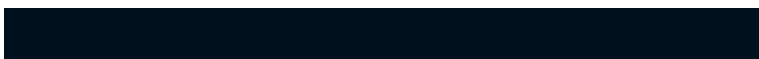
17.1806, 14.4468, 46.1389



8.9355, 9.5483, 11.4515



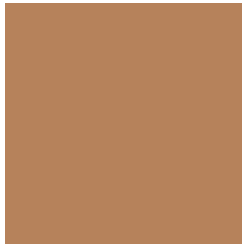
9.5250, 9.5096, 32.5866



0.3959, 0.4555, 1.1688

Previews

White Background



This preview shows how the XYZ color 29.1624, 26.6657, 13.5075 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 29.1624, 26.6657, 13.5075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

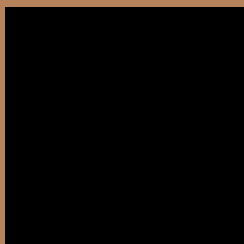
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1624, 26.6657, 13.5075

Background



This preview shows how black text looks on a background with the XYZ color 29.1624, 26.6657, 13.5075.



This preview shows how white text looks on a background with the XYZ color 29.1624, 26.6657,

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

29.1624, 26.6657, 13.5075

Protanopia

24.7731, 26.6666, 14.9078

Deuteranopia

27.3040, 26.7241, 13.3920



Tritanopia

31.7604, 26.5756, 26.0099

Trichromacy



Original Color

29.1624, 26.6657, 13.5075

Protanomaly

26.2759, 26.5920, 14.3376

Deuteranomaly

27.9122, 26.6272, 13.3413

Tritanomaly

30.7385, 26.5440, 20.6430

Monochromacy



Original Color

29.1624, 26.6657, 13.5075

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.2311, 26.3893, 22.4500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1624, 26.6657, 13.5075 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(182, 130, 91)` looks like.

```
.text, #text, p{  
    color:rgb(182, 130, 91)  
}
```

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(182, 130, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 130, 91) }
```

Border

The CSS property to change the border of an element to XYZ 29.1624, 26.6657, 13.5075 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(182, 130, 91) }
```


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

```
.border{ border-color:rgb(182, 130, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 130, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 130, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 130, 91);  
box-shadow:4px 4px 4px 4px rgb(182, 130,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1624, 26.6657, 13.5075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 130, 91) }
```

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

```
.background{ background-color: rgb(182,  
130, 91) }
```

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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