

Converting Colors

XYZ(29.6677, 23.6545, 21.4145)

Have a look what the booklet for
XYZ(29.6677, 23.6545, 21.4145)
contains.

XYZ(29.6677, 23.6545, 21.4145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.6677, 23.6545,
21.4145)**

Conversions

Conversions Part 1

Format	Color
Hex	BA717A
RGB	186, 113, 122
RGB Percent	73%, 44%, 48%
CMY	0.2706, 0.5568, 0.5216
CMYK	0.00, 0.39, 0.34, 0.27
HSL	353°, 35%, 59%
HSV	353°, 39%, 73%
XYZ	29.6677, 23.6545, 21.4145
YIQ	135.8530, 40.6190, 18.2750

Conversions

Conversions Part 2

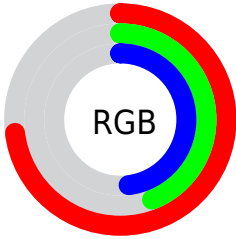
Format	Color
R_{YB}	186, 113, 122
Decimal	12218746
CIE _{Lab}	55.74, 29.95, 7.38
CIE _{LCh}	56, 30.842, 13.847
Yxy	23.6545, 0.3970, 0.3165
Android (android.graphics.Color)	4290408826 (0xFFBA717A)
YUV	135.8530, -6.8295, 43.9789
Hunter-Lab	48.6359, 23.7715, 7.9396

Details

The XYZ color **29.6677, 23.6545, 21.4145** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.3059, 41.8034, 47.9634**, and the grayscale version is **23.3614, 24.5780, 26.7655**.

A 20% lighter version of the original color is **58.5844, 49.5615, 46.5230**, and **12.3736, 8.8747, 7.5394** is the 20% darker color. If you saturate the color by 10%, you get **26.8741, 19.5510, 15.9095**, and if you desaturate by 10%, it is **33.0574, 28.6787, 27.9553**.

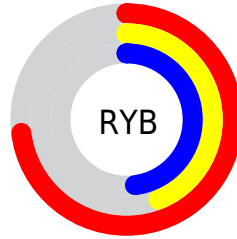
Distribution



Red (73%)

Green (44%)

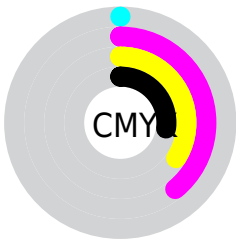
Blue (48%)



Red (73%)

Yellow (44%)

Blue (48%)

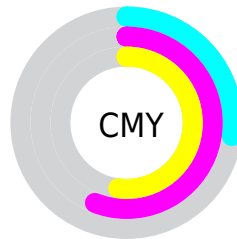


Cyan (0%)

Magenta (39%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6677, 23.6545, 21.4145 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 29.6677, 23.6545, 21.4145 by changing the saturation by 10% instead.


 29.6677, 23.6545,
21.4145


 29.6677, 23.6545,
21.4145


292.2901,
271.0691, 272.3262


 19.7333, 15.0775,
13.2331


 58.5265, 49.4658,
46.6661


 12.3085, 8.8738,
7.4567


 78.1816, 67.4689,
64.5734

 7.0278, 4.6590,
3.6666


 101.8078, 89.3829,
86.5597

 3.5260, 2.0486,
1.4443

 129.7702,
115.5921, 113.0437

 1.4376, 0.6355,
0.1759

162.4343,
146.4809, 144.4438

 0.2828, 0.0000,
0.0000

200.1654,

 0.0000, 0.0000,

182.4337, 181.1785

0.0000

243.3289,
223.8350, 223.6665

■ 29.6677, 23.6545,
21.4145

■ 29.6677, 23.6545,
21.4145

■ 26.8741, 19.5510,
15.9095

■ 33.0574, 28.6787,
27.9553

■ 24.6402, 16.3089,
11.3855

■ 37.0731, 34.6710,
35.5799

■ 22.9282, 13.8678,
7.7851


■ 41.7449, 41.6800,
44.3350


■ 21.6951, 12.1575,
5.0440


■ 47.1006, 49.7497,
54.2642


■ 20.8909, 11.0960,
3.0896


■ 53.1662, 58.9218,
65.4086

 20.4315, 10.5362,
1.8294

 59.9664, 69.2355,
77.8075

 20.4036, 10.5007,
1.7580

 67.5246, 80.7283,
91.4983

 73.6539, 89.0168,
105.7805

 74.0597, 89.1791,
107.9177

Harmonies

Analogous

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



29.5834, 23.6545, 31.4964



29.6677, 23.6545, 21.4145



27.6920, 23.6545, 14.5819

Triad

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



29.6677, 23.6545, 21.4145



18.1372, 23.6545, 14.2097



20.6627, 23.6545, 49.0478

Complementary

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



29.6677, 23.6545, 21.4145



32.3059, 41.8034, 47.9634

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.



17.9718, 23.6545, 41.5403



29.6677, 23.6545, 21.4145



16.6204, 23.6545, 20.7588

Square

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



29.6677, 23.6545, 21.4145



20.9110, 23.6545, 11.2125



16.5632, 23.6545, 30.6473



24.1316, 23.6545, 49.3569

Rectangle

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



29.6677, 23.6545, 21.4145



25.5804, 23.6545, 12.0437



16.5632, 23.6545, 30.6473



19.6461, 23.6545, 47.2093

Sweetspot

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



29.6683, 23.6557, 21.4150



73.0369, 71.5980, 75.4542



32.7337, 24.6179, 49.4809



15.8350, 15.3933, 16.1504



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.6683, 23.6557, 21.4150



49.3887, 36.4282, 30.1868



32.5752, 30.3205, 19.7598



9.0484, 9.0297, 9.6025



13.7424, 7.0707, 1.2642



0.4992, 0.2552, 0.1222

Inverse Universe

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



29.6683, 23.6557, 21.4150



49.3887, 36.4282, 30.1868



28.1123, 31.9335, 51.1366



9.0484, 9.0297, 9.6025



13.7424, 7.0707, 1.2642



0.4992, 0.2552, 0.1222

Previews

White Background



This preview shows how the XYZ color 29.6677, 23.6545, 21.4145 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 29.6677, 23.6545, 21.4145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

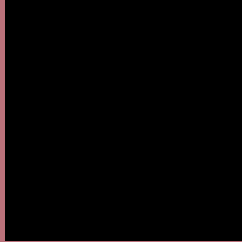
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6677, 23.6545, 21.4145

Background



This preview shows how black text looks on a background with the XYZ color 29.6677, 23.6545, 21.4145.

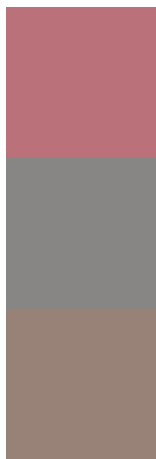


This preview shows how white text looks on a background with the XYZ color 29.6677, 23.6545,

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

29.6677, 23.6545, 21.4145

Protanopia

22.7745, 23.7028, 25.5650

Deuteranopia

24.1289, 23.7078, 20.7571



Tritanopia

29.6677, 23.6545, 21.4145

Trichromacy



Original Color

29.6677, 23.6545, 21.4145

Protanomaly

24.7497, 23.3767, 23.9766

Deuteranomaly

25.7830, 23.4145, 20.9298

Tritanomaly

29.6677, 23.6545, 21.4145

Monochromacy



Original Color

29.6677, 23.6545, 21.4145

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.1423, 23.9471, 24.7698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6677, 23.6545, 21.4145 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(186, 113, 122)` looks like.

```
.text, #text, p{  
    color:rgb(186, 113, 122)  
}
```

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(186, 113, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 113, 122) }
```

Border

The CSS property to change the border of an element to XYZ 29.6677, 23.6545, 21.4145 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(186, 113, 122) }
```


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

```
.border{ border-color:rgb(186, 113, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 113, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 113, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 113, 122);  
box-shadow:4px 4px 4px 4px rgb(186, 113,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6677, 23.6545, 21.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 113, 122) }
```

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

```
.background{ background-color: rgb(186,  
113, 122) }
```

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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