

Converting Colors

XYZ(22.8763, 19.0740, 12.3735)

Have a look what the booklet for
XYZ(22.8763, 19.0740, 12.3735)
contains.

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Color

**XYZ(22.8763, 19.0740,
12.3735)**

Conversions

Conversions Part 1

Format	Color
Hex	A7695B
RGB	167, 105, 91
RGB Percent	65%, 41%, 36%
CMY	0.3451, 0.5882, 0.6431
CMYK	0.00, 0.37, 0.46, 0.35
HSL	11°, 30%, 51%
HSV	11°, 46%, 65%
XYZ	22.8763, 19.0740, 12.3735
YIQ	121.9420, 41.4460, 8.7900

Conversions

Conversions Part 2

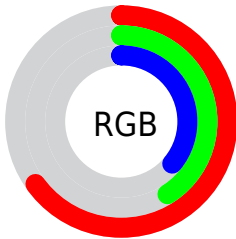
Format	Color
R_{YB}	167, 108, 91
Decimal	10971483
CIE Lab	50.77, 23.20, 18.25
CIE LCh	51, 29.520, 38.194
Yxy	19.0740, 0.4211, 0.3511
Android (android.graphics.Color)	4289161563 (0xFFA7695B)
YUV	121.9420, -15.2544, 39.5159
Hunter-Lab	43.6738, 17.0690, 13.7738

Details

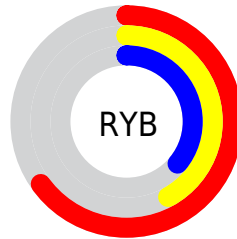
The XYZ color **22.8763, 19.0740, 12.3735** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.6802, 27.7955, 40.7289**, and the grayscale version is **18.5190, 19.4834, 21.2174**.

A 20% lighter version of the original color is **47.6052, 41.8843, 30.7747**, and **8.6189, 6.5605, 3.2947** is the 20% darker color. If you saturate the color by 10%, you get **20.9564, 16.2616, 8.5662**, and if you desaturate by 10%, it is **25.1798, 22.3970, 17.1000**.

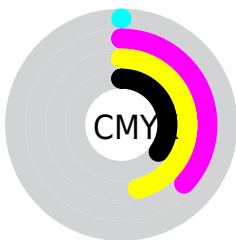
Distribution



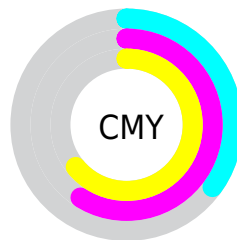
- Red (65%)
- Green (41%)
- Blue (36%)



- Red (65%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (35%)



- Cyan (35%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8763, 19.0740, 12.3735 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 22.8763, 19.0740, 12.3735 by changing the saturation by 10% instead.

■ 22.8763, 19.0740,
12.3735

■ 22.8763, 19.0740,
12.3735

259.6362,
246.8570, 217.9275

■ 14.6224, 11.7238,
6.8730

■ 47.6583, 41.8591,
30.8481

■ 8.6394, 6.5559,
3.3055

■ 64.9171, 58.0628,
44.6592

■ 4.5619, 3.1859,
1.2527

■ 85.9082, 77.9863,
62.0776

■ 2.0247, 1.2296,
0.0225

■ 110.9970,
102.0142, 83.5218

■ 0.6478, 0.0857,
0.0000

140.5488,
130.5309, 109.4103

■ 0.0000, 0.0000,
0.0000

174.9291,

163.9206, 140.1617

214.5031,
202.5678, 176.1946

■ 22.8763, 19.0740,
12.3735

■ 22.8763, 19.0740,
12.3735

■ 20.9564, 16.2616,
8.5662

■ 25.1798, 22.3970,
17.1000

■ 19.3973, 13.9315,
5.6167

■ 27.8851, 26.2514,
22.7994

■ 18.1760, 12.0571,
3.4580


■ 31.0110, 30.6603,
29.5223


■ 17.2660, 10.6076,
2.0126


■ 34.5744, 35.6445,
37.3159


■ 16.6356, 9.5483,
1.1816


■ 38.5917, 41.2238,
46.2240

 16.4204, 9.1836,
0.9072

 43.0781, 47.4171,
56.2883

 48.0482, 54.2424,
67.5481

 53.5160, 61.7168,
80.0411

 59.4949, 69.8570,
93.8031

Harmonies

Analogous

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



24.2301, 19.0740, 18.5737



22.8763, 19.0740, 12.3735



20.2814, 19.0740, 9.1866

Triad

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



22.8763, 19.0740, 12.3735



13.4276, 19.0740, 15.3811



18.9360, 19.0740, 40.9339

Complementary

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



22.8763, 19.0740, 12.3735



22.6802, 27.7955, 40.7289

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.



16.1350, 19.0740, 39.4125



22.8763, 19.0740, 12.3735



13.1494, 19.0740, 23.1294

Square

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



22.8763, 19.0740, 12.3735



14.8942, 19.0740, 10.5728



14.0890, 19.0740, 32.2955



21.8018, 19.0740, 36.0244

Rectangle

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



22.8763, 19.0740, 12.3735



18.3057, 19.0740, 8.5432



14.0890, 19.0740, 32.2955



17.9540, 19.0740, 41.1783

Sweetspot

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



22.8768, 19.0749, 12.3739



56.2959, 55.9735, 54.5173



25.4328, 18.0000, 32.2998



12.3180, 12.1327, 11.5923



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.8768, 19.0749, 12.3739



37.3808, 28.9004, 15.0493



27.6372, 28.5959, 13.9607



7.6388, 7.7577, 7.8840



12.5924, 7.0821, 0.7033



0.3375, 0.2346, 0.0275

Inverse Universe

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



22.6802, 27.7955, 40.7289



36.9458, 46.5012, 72.5037



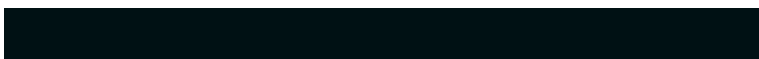
17.4280, 17.2911, 38.9782



7.6283, 8.2935, 9.6171



12.1320, 15.7243, 30.3712



0.3248, 0.4418, 0.7488

Previews

White Background



This preview shows how the XYZ color 22.8763, 19.0740, 12.3735 looks on a white background.

Color Contrast Check

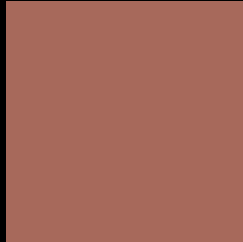
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8763, 19.0740, 12.3735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

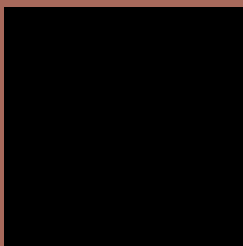
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.8763, 19.0740, 12.3735

Background



This preview shows how black text looks on a background with the XYZ color 22.8763, 19.0740, 12.3735.



This preview shows how white text looks on a background with the XYZ color 22.8763, 19.0740,

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

22.8763, 19.0740, 12.3735

Protanopia

18.0952, 19.2237, 14.3121

Deuteranopia

19.5502, 19.1413, 12.1154



Tritanopia

23.9280, 19.0635, 17.1703

Trichromacy



Original Color

22.8763, 19.0740, 12.3735

Protanomaly

19.5240, 18.9273, 13.4508

Deuteranomaly

20.5885, 19.0019, 12.2555

Tritanomaly

23.4469, 19.0046, 15.2644

Monochromacy



Original Color

22.8763, 19.0740, 12.3735

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.5959, 19.0418, 17.6815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8763, 19.0740, 12.3735 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(167, 105, 91)` looks like.

```
.text, #text, p{  
    color:rgb(167, 105, 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(167, 105, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 105, 91) }
```

Border

The CSS property to change the border of an element to XYZ 22.8763, 19.0740, 12.3735 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(167, 105, 91) }
```


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

```
.border{ border-color:rgb(167, 105, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 105, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 105, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 105, 91);  
box-shadow:4px 4px 4px 4px rgb(167, 105,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8763, 19.0740, 12.3735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 105, 91) }
```

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

```
.background{ background-color: rgb(167,  
105, 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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