

Converting Colors

XYZ(27.1723, 22.5457, 13.2755)

Have a look what the booklet for
XYZ(27.1723, 22.5457, 13.2755)
contains.

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Color

**XYZ(27.1723, 22.5457,
13.2755)**

Conversions

Conversions Part 1

Format	Color
Hex	B6715D
RGB	182, 113, 93
RGB Percent	71%, 44%, 36%
CMY	0.2863, 0.5568, 0.6353
CMYK	0.00, 0.38, 0.49, 0.29
HSL	13°, 38%, 54%
HSV	13°, 49%, 71%
XYZ	27.1723, 22.5457, 13.2755
YIQ	131.3510, 47.5440, 8.4080

Conversions

Conversions Part 2

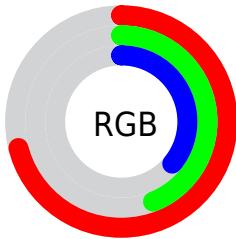
Format	Color
R_{YB}	182, 119, 93
Decimal	11956573
CIE Lab	54.60, 25.07, 22.55
CIE LCh	55, 33.719, 41.980
Yxy	22.5457, 0.4314, 0.3579
Android (android.graphics.Color)	4290146653 (0xFFB6715D)
YUV	131.3510, -18.9070, 44.4192
Hunter-Lab	47.4823, 19.0546, 16.6608

Details

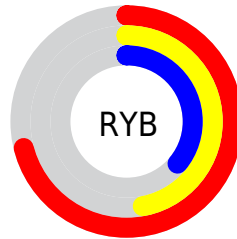
The XYZ color **27.1723, 22.5457, 13.2755** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.8772, 31.5435, 48.9804**, and the grayscale version is **21.7532, 22.8860, 24.9229**.

A 20% lighter version of the original color is **54.3482, 47.4187, 32.2749**, and **10.9507, 8.3076, 3.7157** is the 20% darker color. If you saturate the color by 10%, you get **25.0065, 19.3544, 9.0387**, and if you desaturate by 10%, it is **29.7758, 26.3055, 18.6051**.

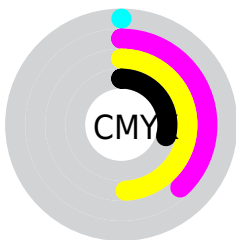
Distribution



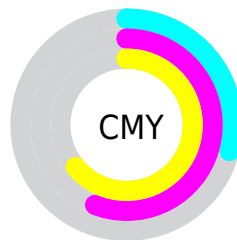
- Red (71%)
- Green (44%)
- Blue (36%)



- Red (71%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (29%)





- Cyan (29%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1723, 22.5457, 13.2755 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 27.1723, 22.5457, 13.2755 by changing the saturation by 10% instead.


 27.1723, 22.5457,
13.2755


 27.1723, 22.5457,
13.2755


280.6428,
265.3830, 223.9453


 17.8399, 14.2584,
7.4856


 54.5782, 47.6463,
32.4963


 10.9341, 8.3006,
3.6846


 73.3824, 65.2284,
46.7642

 6.0895, 4.2879,
1.4539


 96.0746, 86.6775,
64.6952

 2.9408, 1.8359,
0.1833

 123.0201,
112.3781, 86.7078

 1.1225, 0.5094,
0.0000

154.5843,
142.7146, 113.2206

 0.0438, 0.0000,
0.0000

191.1326,

 0.0000, 0.0000,

178.0713, 144.6521

0.0000

233.0303,
218.8326, 181.4208

■ 27.1723, 22.5457,
13.2755

■ 27.1723, 22.5457,
13.2755

■ 25.0065, 19.3544,
9.0387

■ 29.7758, 26.3055,
18.6051

■ 23.2517, 16.7000,
5.8168

■ 32.8383, 30.6565,
25.0953

■ 21.8805, 14.5532,
3.5236


■ 36.3818, 35.6241,
32.8102


■ 20.8613, 12.8801,
2.0578


■ 40.4263, 41.2315,
41.8084

■ 20.1466, 11.6382,
1.2420


■ 44.9904, 47.5004,
52.1450

 20.0811, 11.5246,
1.1661

 50.0922, 54.4517,
63.8718

 55.7485, 62.1052,
77.0379

 61.9755, 70.4799,
91.6898

 68.4976, 79.4777,
106.3383

Harmonies

Analogous

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



29.1795, 22.5457, 20.5529



27.1723, 22.5457, 13.2755



23.7089, 22.5457, 9.8105

Triad

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



27.1723, 22.5457, 13.2755



15.3440, 22.5457, 18.7630



22.9418, 22.5457, 50.3999

Complementary

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



27.1723, 22.5457, 13.2755



25.8772, 31.5435, 48.9804

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.



19.3001, 22.5457, 49.5065



27.1723, 22.5457, 13.2755



15.1890, 22.5457, 29.0309

Square

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



27.1723, 22.5457, 13.2755



17.0090, 22.5457, 12.2919



16.5580, 22.5457, 40.8776



26.5552, 22.5457, 43.0505

Rectangle

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



27.1723, 22.5457, 13.2755



21.1839, 22.5457, 9.2839



16.5580, 22.5457, 40.8776



21.6760, 22.5457, 51.1012

Sweetspot

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



27.1729, 22.5468, 13.2759



68.5272, 68.1574, 65.1591



29.7912, 20.4081, 36.8863



14.8054, 14.5950, 13.6608



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.



27.1729, 22.5468, 13.2759



44.9520, 34.5145, 15.6587



33.2875, 34.7760, 15.3141



9.1640, 9.3310, 9.4250



14.2233, 8.2230, 0.8376



0.5487, 0.3845, 0.0453

Inverse Universe

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



25.8772, 31.5435, 48.9804



42.2616, 52.6756, 88.1757



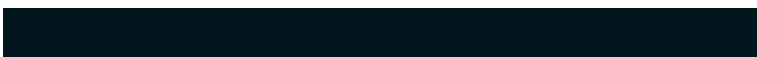
19.4618, 18.7127, 46.8419



9.0909, 9.8589, 11.5033



12.7499, 15.9595, 33.6616



0.4923, 0.6482, 1.2009

Previews

White Background



This preview shows how the XYZ color 27.1723, 22.5457, 13.2755 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 27.1723, 22.5457, 13.2755 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 27.1723, 22.5457, 13.2755

Background



This preview shows how black text looks on a background with the XYZ color 27.1723, 22.5457, 13.2755.



This preview shows how white text looks on a background with the XYZ color 27.1723, 22.5457,

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

27.1723, 22.5457, 13.2755

Protanopia

21.2805, 22.7476, 15.5810

Deuteranopia

22.9322, 22.4905, 13.0300



Tritanopia

28.6131, 22.6502, 20.0034

Trichromacy



Original Color

27.1723, 22.5457, 13.2755

Protanomaly

22.9298, 22.2657, 14.6445

Deuteranomaly

24.2862, 22.4468, 13.1779

Tritanomaly

27.9732, 22.5403, 17.3444

Monochromacy



Original Color

27.1723, 22.5457, 13.2755

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.9962, 22.1837, 19.8995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1723, 22.5457, 13.2755 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, 113, 93)` looks like.

```
.text, #text, p{  
    color:rgb(182, 113, 93)  
}
```

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, 113, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 113, 93) }
```

Border

The CSS property to change the border of an element to XYZ 27.1723, 22.5457, 13.2755 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, 113, 93) }
```


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

```
.border{ border-color:rgb(182, 113, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 113, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 113, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 113, 93);  
box-shadow:4px 4px 4px 4px rgb(182, 113,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1723, 22.5457, 13.2755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 113, 93) }
```

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

```
.background{ background-color: rgb(182,  
113, 93) }
```

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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