

Converting Colors

XYZ(10.5100, 10.2051, 2.0435)

Have a look what the booklet for
XYZ(10.5100, 10.2051, 2.0435)
contains.

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Color

**XYZ(10.5685, 10.2570,
2.0389)**

Conversions

Conversions Part 1

Format	Color
Hex	745513
RGB	116, 85, 19
RGB Percent	45%, 33%, 7%
CMY	0.5451, 0.6667, 0.9255
CMYK	0.00, 0.27, 0.84, 0.55
HSL	41°, 72%, 26%
HSV	41°, 84%, 45%
XYZ	10.5685, 10.2570, 2.0389
YIQ	86.7450, 39.6620, -13.9540

Conversions

Conversions Part 2

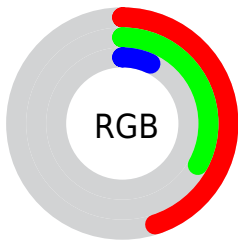
Format	Color
R_{YB}	65, 116, 19
Decimal	7623955
CIE Lab	38.30, 6.38, 40.51
CIE LCh	38, 41.010, 81.046
Yxy	10.2570, 0.4622, 0.4486
Android (android.graphics.Color)	4285814035 (0xFF745513)
YUV	86.7450, -33.3983, 25.6566
Hunter-Lab	32.0266, 2.8571, 18.6440

Details

The XYZ color **10.5685, 10.2570, 2.0389** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.5616, 3.6806, 16.9929**, and the grayscale version is **9.0680, 9.5403, 10.3894**.

A 20% lighter version of the original color is **26.3631, 26.1255, 9.1221**, and **2.8731, 2.6076, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **10.2075, 9.6582, 1.5388**, and if you desaturate by 10%, it is **10.9928, 10.9064, 2.7948**.

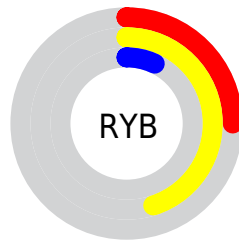
Distribution



Red (45%)

Green (33%)

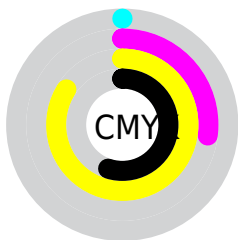
Blue (7%)



Red (25%)

Yellow (45%)

Blue (7%)

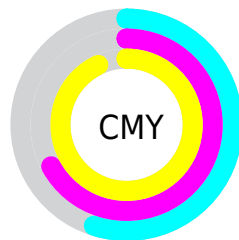


Cyan (0%)

Magenta (27%)

Yellow (84%)

Black (55%)



Cyan (55%)


Magenta (67%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5685, 10.2570, 2.0389 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 10.5685, 10.2570, 2.0389 by changing the saturation by 10% instead.


 10.5685, 10.2570,
2.0389


 10.5685, 10.2570,
2.0389


188.6529,
192.4966, 122.9779


 5.8426, 5.5697,
0.5790

 26.4995, 26.2778,
9.1469


 2.7894, 2.5852,
0.0000


 38.4354, 38.3800,
15.6811

 1.0434, 0.9192,
0.0000

 53.5053, 53.7227,
24.7602

 0.0000, 0.0000,
0.0000


 72.0746, 72.6903,
36.8028


 94.5086, 95.6670,
52.2272


 121.1728,


123.0374, 71.4522


 152.4324,
155.1858, 94.8963


 10.5685, 10.2570,
2.0389


 10.5685, 10.2570,
2.0389


 10.2075, 9.6582,
1.5388


 10.9928, 10.9064,
2.7948

 9.9934, 9.2949,
1.2674

 11.4873, 11.6084,
3.8448

 12.0578, 12.3658,
5.2171

 12.7092, 13.1812,
6.9368

 13.4460, 14.0567,
9.0262

■ 14.2722, 14.9941,
11.5059

■ 15.1917, 15.9953,
14.3948

■ 16.2079, 17.0622,
17.7108

■ 17.3244, 18.1962,
21.4705

Harmonies

Analogous

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



13.3387, 10.2570, 3.2013



10.5685, 10.2570, 2.0389



8.0220, 10.2570, 2.3074

Triad

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



10.5685, 10.2570, 2.0389



5.7057, 10.2570, 17.3114



14.3018, 10.2570, 23.1695

Complementary

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



10.5685, 10.2570, 2.0389



4.5616, 3.6806, 16.9929

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.



11.7076, 10.2570, 31.2286



10.5685, 10.2570, 2.0389



6.8690, 10.2570, 26.9108

Square

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



10.5685, 10.2570, 2.0389



5.5124, 10.2570, 9.0361



8.9729, 10.2570, 32.8439



15.7379, 10.2570, 13.6116

Rectangle

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



10.5685, 10.2570, 2.0389



6.7561, 10.2570, 3.3534



8.9729, 10.2570, 32.8439



13.5162, 10.2570, 26.2963

Sweetspot

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



10.5687, 10.2575, 2.0391



24.7825, 26.0161, 19.2903



8.0403, 4.4208, 3.6004



5.8141, 6.0959, 4.3051



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.5687, 10.2575, 2.0391



17.4487, 16.1028, 2.1885



11.6001, 15.2376, 2.9460



3.8727, 4.0783, 3.9254



11.1980, 10.3971, 1.4167



53.7710, 49.0705, 6.6375

Inverse Universe

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



4.5616, 3.6806, 16.9929



6.6015, 4.3368, 29.5337



4.0842, 2.0871, 16.7105



3.5873, 3.7633, 4.6276



4.2670, 2.8736, 18.8723



20.0980, 12.6125, 91.7355

Previews

White Background



This preview shows how the XYZ color 10.5685, 10.2570, 2.0389 looks on a white background.

Color Contrast Check

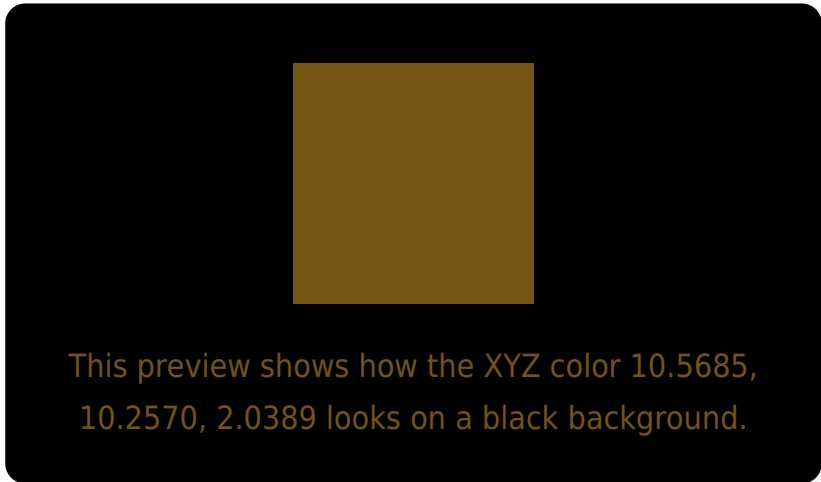
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 10.5685, 10.2570, 2.0389

Background



This preview shows how black text looks on a background with the XYZ color 10.5685, 10.2570, 2.0389.



This preview shows how white text looks on a background with the XYZ color 10.5685, 10.2570,

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

10.5685, 10.2570, 2.0389

Protanopia

9.3468, 10.3575, 2.1684

Deuteranopia

10.3848, 10.2800, 2.0530



Tritanopia

12.1814, 10.2409, 9.9290

Trichromacy



Original Color

10.5685, 10.2570, 2.0389

Protanomaly

9.7621, 10.3211, 2.1395

Deuteranomaly

10.5156, 10.3474, 2.0591

Tritanomaly

11.3925, 10.1437, 5.7724

Monochromacy



Original Color

10.5685, 10.2570, 2.0389

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.2343, 9.6000, 5.9237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5685, 10.2570, 2.0389 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(116, 85, 19)` looks like.

```
.text, #text, p{  
    color:rgb(116, 85, 19)  
}
```

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(116, 85, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 85, 19) }
```

Border

The CSS property to change the border of an element to XYZ 10.5685, 10.2570, 2.0389 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(116, 85, 19) }
```


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

```
.border{ border-color:rgb(116, 85, 19) }
```

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

Here you see how a box with a 4 pixel rgb(116, 85, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 85, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 85, 19);  
box-shadow:4px 4px 4px 4px rgb(116, 85,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5685, 10.2570, 2.0389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 85, 19) }
```

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

```
.background{ background-color: rgb(116, 85,  
19) }
```

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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