

Converting Colors

XYZ(10.4855, 11.0138, 1.5732)

Have a look what the booklet for
XYZ(10.4855, 11.0138, 1.5732)
contains.

XYZ(10.4232, 10.9269, 1.5597)	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(10.4232, 10.9269,
1.5597)**

Conversions

Conversions Part 1

Format	Color
Hex	705B00
RGB	112, 91, 0
RGB Percent	44%, 36%, 0%
CMY	0.5608, 0.6431, 1.0000
CMYK	0.00, 0.19, 1.00, 0.56
HSL	49°, 100%, 22%
HSV	49°, 100%, 44%
XYZ	10.4232, 10.9269, 1.5597
YIQ	86.9050, 41.7270, -23.8490

Conversions

Conversions Part 2

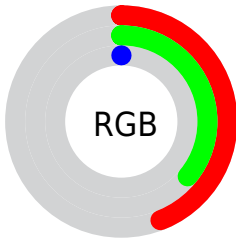
Format	Color
RYB	26, 112, 0
Decimal	7363328
CIELab	39.46, 0.29, 47.04
CIELCh	39, 47.044, 89.650
Yxy	10.9269, 0.4550, 0.4770
Android (android.graphics.Color)	4285553408 (0xFF705B00)
YUV	86.9050, -42.8442, 22.0083
Hunter-Lab	33.0559, -1.5630, 20.3416

Details

The XYZ color **10.4232, 10.9269, 1.5597** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.1928, 1.7062, 15.4903**, and the grayscale version is **9.1220, 9.5970, 10.4511**.

A 20% lighter version of the original color is **26.1997, 27.5607, 7.8098**, and **2.8405, 2.9146, 0.4129** is the 20% darker color. If you saturate the color by 10%, you get **10.4234, 10.9273, 1.5598**, and if you desaturate by 10%, it is **10.6670, 11.3161, 1.9448**.

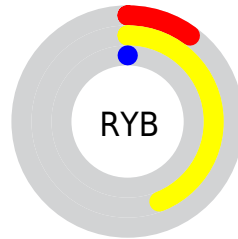
Distribution



Red (44%)

Green (36%)

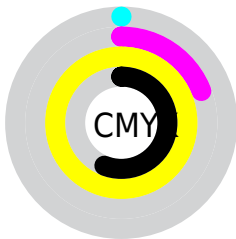
Blue (0%)



Red (10%)

Yellow (44%)

Blue (0%)

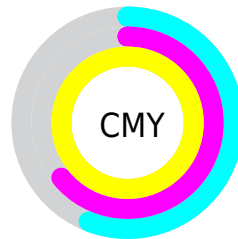


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4232, 10.9269, 1.5597 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 10.4232, 10.9269, 1.5597 by changing the saturation by 10% instead.

■ 10.4232, 10.9269,
1.5597

■ 10.4232, 10.9269,
1.5597

■ 187.6576,
197.1654, 115.1146

■ 5.7449, 6.0177,
0.2618

■ 26.2310, 27.5249,
7.7978

■ 2.7297, 2.8558,
0.0000

■ 38.0912, 39.9825,
13.7318

■ 1.0125, 1.0569,
0.0000

■ 53.0761, 55.7250,
22.1006

■ 0.0000, 0.0000,
0.0000

■ 71.5509, 75.1369,
33.3227

■ 93.8812, 98.6025,
47.8166

■ 120.4321,

126.5061, 66.0009

■ 151.5691,
159.2323, 88.2940

■ 10.4232, 10.9269,
1.5597

■ 10.4232, 10.9269,
1.5597

■ 10.4234, 10.9273,
1.5598

■ 10.6670, 11.3161,
1.9448

■ 10.9413, 11.7252,
2.4661

■ 11.2678, 12.1633,
3.2374

■ 11.6520, 12.6327,
4.2870

■ 12.0985, 13.1354,
5.6395

■ 12.6116, 13.6730,
7.3166

■ 13.1950, 14.2472,
9.3382

■ 13.8523, 14.8594,
11.7225

■ 14.5866, 15.5109,
14.4864

Harmonies

Analogous

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



13.8023, 10.9269, 2.2667



10.4232, 10.9269, 1.5597



7.6380, 10.9269, 2.2314

Triad

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



10.4232, 10.9269, 1.5597



5.9162, 10.9269, 22.8711



16.6268, 10.9269, 23.1596

Complementary

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



10.4232, 10.9269, 1.5597



3.1928, 1.7062, 15.4903

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.



13.7240, 10.9269, 34.6153



10.4232, 10.9269, 1.5597



7.5853, 10.9269, 34.3970

Square

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



10.4232, 10.9269, 1.5597



5.3815, 10.9269, 11.7906



10.3483, 10.9269, 39.5154



17.8033, 10.9269, 12.0052

Rectangle

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



10.4232, 10.9269, 1.5597



6.3784, 10.9269, 3.7648



10.3483, 10.9269, 39.5154



15.7947, 10.9269, 27.2743

Sweetspot

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



10.4234, 10.9274, 1.5599



23.0950, 24.9470, 16.1022



6.8308, 3.5043, 1.0959



5.4655, 5.9130, 3.5774



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.4234, 10.9274, 1.5599



18.2291, 19.0321, 2.7128



8.9690, 13.2250, 2.0801



3.5913, 3.8151, 3.6204



12.0349, 12.6023, 1.7982



59.3627, 61.6006, 8.7614

Inverse Universe

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



3.1928, 1.7062, 15.4903



5.5356, 2.8505, 27.1882



3.5713, 1.5033, 15.4312



3.2636, 3.3924, 4.2370



3.6770, 1.9443, 17.9031



17.8342, 8.7203, 89.0223

Previews

White Background



This preview shows how the XYZ color 10.4232, 10.9269, 1.5597 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



This preview shows how the XYZ color 10.4232, 10.9269, 1.5597 looks on a 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 10.4232, 10.9269, 1.5597

Background



This preview shows how black text looks on a background with the XYZ color 10.4232, 10.9269, 1.5597.

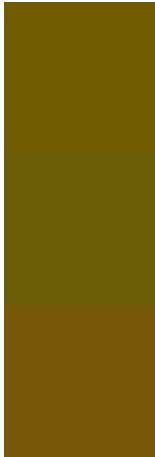


This preview shows how white text looks on a background with the XYZ color 10.4232, 10.9269,

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

10.4232, 10.9269, 1.5597

Protanopia

9.8558, 11.0196, 1.7511

Deuteranopia

11.0048, 10.8485, 1.7437



Tritanopia

12.4729, 11.0342, 11.3700

Trichromacy



Original Color

10.4232, 10.9269, 1.5597

Protanomaly

10.1151, 11.0234, 1.6808

Deuteranomaly

10.8022, 10.8687, 1.6721

Tritanomaly

11.2421, 10.7667, 5.4886

Monochromacy



Original Color

10.4232, 10.9269, 1.5597

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.0032, 9.7421, 5.0203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4232, 10.9269, 1.5597 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(112, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 91, 0)  
}
```

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(112, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 91, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.4232, 10.9269, 1.5597 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(112, 91, 0) }
```


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

```
.border{ border-color:rgb(112, 91, 0) }
```

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

Here you see how a box with a 4 pixel rgb(112, 91, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 91, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.4232, 10.9269, 1.5597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 91, 0) }
```

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

```
.background{ background-color: rgb(112, 91,  
0) }
```

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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