

Converting Colors

XYZ(10.6524, 9.2565, 2.6204)

Have a look what the booklet for
XYZ(10.6524, 9.2565, 2.6204)
contains.

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Color

**XYZ(10.7303, 9.3381,
2.6034)**

Conversions

Conversions Part 1

Format	Color
Hex	794C20
RGB	121, 76, 32
RGB Percent	47%, 30%, 13%
CMY	0.5255, 0.7019, 0.8745
CMYK	0.00, 0.37, 0.74, 0.53
HSL	30°, 58%, 30%
HSV	30°, 74%, 47%
XYZ	10.7303, 9.3381, 2.6034
YIQ	84.4390, 40.9440, -4.1440

Conversions

Conversions Part 2

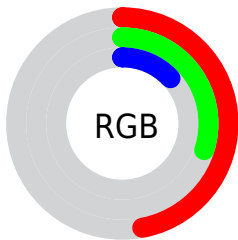
Format	Color
R_YB	121, 119, 32
Decimal	7949344
CIE Lab	36.63, 14.81, 33.12
CIE LCh	37, 36.280, 65.903
Yxy	9.3381, 0.4733, 0.4119
Android (android.graphics.Color)	4286139424 (0xFF794C20)
YUV	84.4390, -25.8524, 32.0640
Hunter-Lab	30.5583, 9.2018, 16.3396

Details

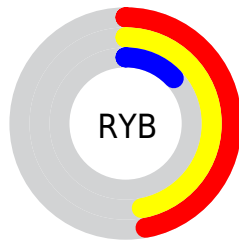
The XYZ color **10.7303, 9.3381, 2.6034** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **6.7006, 6.9950, 19.0860**, and the grayscale version is **8.5640, 9.0100, 9.8118**.

A 20% lighter version of the original color is **26.8764, 24.5789, 10.7248**, and **2.8739, 2.2089, 0.2749** is the 20% darker color. If you saturate the color by 10%, you get **10.1935, 8.4811, 1.7570**, and if you desaturate by 10%, it is **11.3681, 10.3004, 3.7819**.

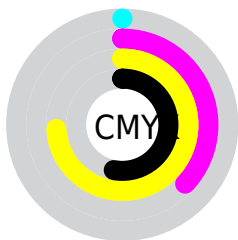
Distribution



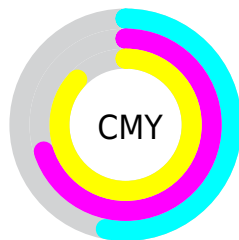
- Red (47%)
- Green (30%)
- Blue (13%)



- Red (47%)
- Yellow (47%)
- Blue (13%)



- Cyan (0%)
- Magenta (37%)
- Yellow (74%)
- Black (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7303, 9.3381, 2.6034 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 10.7303, 9.3381, 2.6034 by changing the saturation by 10% instead.

■ 10.7303, 9.3381,
2.6034

■ 10.7303, 9.3381,
2.6034

189.7545,
185.8805, 131.1370

■ 5.9517, 4.9624,
0.8942

■ 26.7978, 24.5429,
10.6330

■ 2.8561, 2.2252,
0.0000

■ 38.8174, 36.1407,
17.7922

■ 1.0781, 0.7337,
0.0000

■ 53.9813, 50.9146,
27.6058

■ 0.0067, 0.0000,
0.0000

■ 72.6551, 69.2491,
40.4921

■ 0.0000, 0.0000,
0.0000

■ 95.2039, 91.5286,
56.8699

■ 121.9932,

118.1373, 77.1576

153.3883,
149.4598, 101.7738

10.7303, 9.3381,
2.6034

10.7303, 9.3381,
2.6034

10.1935, 8.4811,
1.7570

11.3681, 10.3004,
3.7819

9.7482, 7.7227,
1.2009

12.1132, 11.3711,
5.3237

9.4918, 7.2782,
0.9046

12.9722, 12.5549,
7.2568

13.9507, 13.8555,
9.6065

15.0540, 15.2768,
12.3958

■ 16.2871, 16.8220,
15.6460

■ 17.6546, 18.4946,
19.3770

■ 19.1609, 20.2977,
23.6076

■ 20.8100, 22.2342,
28.3556

Harmonies

Analogous

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



12.7913, 9.3381, 4.5614



10.7303, 9.3381, 2.6034



8.4448, 9.3381, 2.2213

Triad

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



10.7303, 9.3381, 2.6034



5.2777, 9.3381, 11.4742



11.6144, 9.3381, 23.5918

Complementary

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



10.7303, 9.3381, 2.6034



6.7006, 6.9950, 19.0860

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.



9.3208, 9.3381, 27.7640



10.7303, 9.3381, 2.6034



5.8537, 9.3381, 19.1278

Square

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



10.7303, 9.3381, 2.6034



5.5280, 9.3381, 5.9567



7.2479, 9.3381, 25.8593



13.3583, 9.3381, 16.0043

Rectangle

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



10.7303, 9.3381, 2.6034



7.1422, 9.3381, 2.6695



7.2479, 9.3381, 25.8593



10.8690, 9.3381, 25.5577

Sweetspot

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



10.7305, 9.3386, 2.6036



27.1688, 27.6242, 22.7435



9.7762, 5.6479, 7.7796



6.1122, 6.1894, 4.9421



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.7305, 9.3386, 2.6036



17.7075, 14.2661, 2.4352



14.8043, 17.4861, 3.9615



4.1467, 4.3119, 4.2382



10.1607, 7.7773, 0.9656



47.6183, 35.4000, 4.3231

Inverse Universe

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



6.7006, 6.9950, 19.0860



10.0467, 9.8072, 33.7564



4.6043, 2.8024, 18.3873



3.9495, 4.1973, 5.0452



5.4856, 5.0536, 20.0716



25.3137, 22.4001, 95.4593

Previews

White Background



This preview shows how the XYZ color 10.7303, 9.3381, 2.6034 looks on a white background.

Color Contrast Check

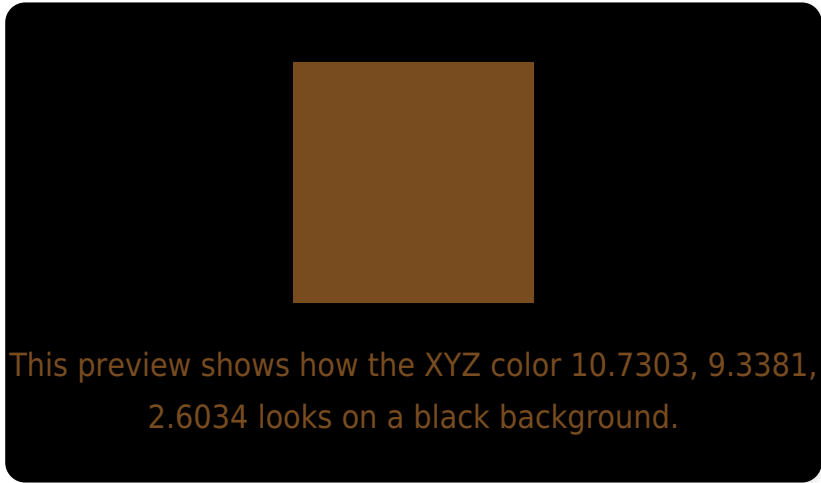
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10.7303, 9.3381, 2.6034

Background



This preview shows how black text looks on a background with the XYZ color 10.7303, 9.3381, 2.6034.



This preview shows how white text looks on a background with the XYZ color 10.7303, 9.3381,

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

10.7303, 9.3381, 2.6034

Protanopia

8.6413, 9.4791, 2.9643

Deuteranopia

9.4360, 9.3165, 2.5292



Tritanopia

11.9050, 9.3274, 8.1941

Trichromacy



Original Color

10.7303, 9.3381, 2.6034

Protanomaly

9.3258, 9.3662, 2.8297

Deuteranomaly

9.9260, 9.3470, 2.5773

Tritanomaly

11.3932, 9.3130, 5.6120

Monochromacy



Original Color

10.7303, 9.3381, 2.6034

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

8.8263, 8.8079, 6.2359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7303, 9.3381, 2.6034 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(121, 76, 32)` looks like.

```
.text, #text, p{  
    color:rgb(121, 76, 32)  
}
```

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(121, 76, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 76, 32) }
```

Border

The CSS property to change the border of an element to XYZ 10.7303, 9.3381, 2.6034 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(121, 76, 32) }
```


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

```
.border{ border-color:rgb(121, 76, 32) }
```

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

Here you see how a box with a 4 pixel rgb(121, 76, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 76, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 76, 32);  
box-shadow:4px 4px 4px 4px rgb(121, 76,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7303, 9.3381, 2.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 76, 32) }
```

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

```
.background{ background-color: rgb(121, 76,  
32) }
```

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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