

Converting Colors

XYZ(24.0586, 20.6607, 10.8679)

Have a look what the booklet for
XYZ(24.0586, 20.6607, 10.8679)
contains.

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Color

**XYZ(24.0404, 20.6513,
10.9027)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6F53
RGB	171, 111, 83
RGB Percent	67%, 44%, 33%
CMY	0.3294, 0.5647, 0.6745
CMYK	0.00, 0.35, 0.51, 0.33
HSL	19°, 35%, 50%
HSV	19°, 51%, 67%
XYZ	24.0404, 20.6513, 10.9027
YIQ	125.7480, 44.7480, 4.0120

Conversions

Conversions Part 2

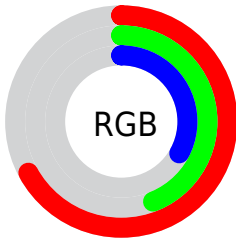
Format	Color
R_{YB}	171, 124, 83
Decimal	11235155
CIE _{Lab}	52.57, 20.66, 25.34
CIE _{LCh}	53, 32.701, 50.807
Yxy	20.6513, 0.4324, 0.3715
Android (android.graphics.Color)	4289425235 (0xFFAB6F53)
YUV	125.7480, -21.0748, 39.6860
Hunter-Lab	45.4437, 14.9027, 17.5859

Details

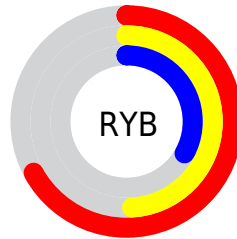
The XYZ color **24.0404, 20.6513, 10.9027** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.7401, 24.4234, 42.1492**, and the grayscale version is **19.8047, 20.8361, 22.6905**.

A 20% lighter version of the original color is **49.6439, 44.5459, 28.1720**, and **9.3139, 7.4016, 2.6880** is the 20% darker color. If you saturate the color by 10%, you get **22.2698, 18.0395, 7.4472**, and if you desaturate by 10%, it is **26.1410, 23.6624, 15.2719**.

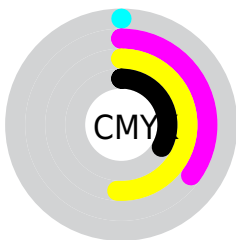
Distribution



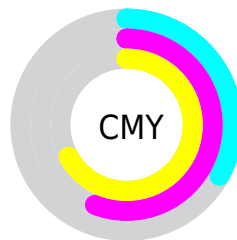
- Red (67%)
- Green (44%)
- Blue (33%)



- Red (67%)
- Yellow (49%)
- Blue (33%)



- Cyan (0%)
- Magenta (35%)
- Yellow (51%)
- Black (33%)





- Cyan (33%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0404, 20.6513, 10.9027 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 24.0404, 20.6513, 10.9027 by changing the saturation by 10% instead.


 24.0404, 20.6513,
10.9027


 24.0404, 20.6513,
10.9027


265.4613,
255.4195, 207.7122


 15.4885, 12.8694,
5.8881


 49.5503, 44.5065,
28.1140


 9.2515, 7.3386,
2.7095


 67.2390, 61.3485,
41.1478


 4.9640, 3.6748,
0.9482

 88.7041, 81.9793,
57.6917

 2.2607, 1.4934,
0.0000

 114.3108,
106.7834, 78.1643

 0.7744, 0.2840,
0.0000

 144.4245,
136.1450, 102.9841

 0.0000, 0.0000,
0.0000

179.4106,

170.4486, 132.5696

219.6344,
210.0787, 167.3395

■ 24.0404, 20.6513,
10.9027

■ 24.0404, 20.6513,
10.9027

■ 22.2698, 18.0395,
7.4472

■ 26.1410, 23.6624,
15.2719

■ 20.8089, 15.8063,
4.8380

■ 28.5869, 27.0862,
20.6132

■ 19.6377, 13.9335,
2.9997

■ 31.3945, 30.9391,
26.9818

■ 18.7324, 12.4000,
1.8433

■ 34.5784, 35.2358,
34.4281

■ 18.1332, 11.3351,
1.2322

■ 38.1525, 39.9902,
42.9992

■ 42.1299, 45.2156,
52.7395

■ 46.5231, 50.9247,
63.6910

■ 51.3441, 57.1298,
75.8934

■ 56.6043, 63.8426,
89.3848

Harmonies

Analogous

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



26.3707, 20.6513, 16.4872



24.0404, 20.6513, 10.9027



20.6878, 20.6513, 8.6376

Triad

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



24.0404, 20.6513, 10.9027



13.8736, 20.6513, 19.6345



22.0351, 20.6513, 44.8279

Complementary

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



24.0404, 20.6513, 10.9027



20.7401, 24.4234, 42.1492

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.



18.6058, 20.6513, 46.3939



24.0404, 20.6513, 10.9027



14.1461, 20.6513, 29.7869

Square

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



24.0404, 20.6513, 10.9027



14.9994, 20.6513, 12.6351



15.7923, 20.6513, 40.2697



25.1235, 20.6513, 36.4589

Rectangle

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



24.0404, 20.6513, 10.9027



18.4319, 20.6513, 8.6859



15.7923, 20.6513, 40.2697



20.8757, 20.6513, 46.2460

Sweetspot

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



24.0409, 20.6523, 10.9031



59.6780, 60.0830, 56.3530



24.8560, 16.8319, 27.9786



13.0476, 13.0469, 11.9567



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.0409, 20.6523, 10.9031



39.4191, 31.6083, 12.4732



30.0552, 32.6809, 12.9079



8.2055, 8.4159, 8.4053



13.7126, 8.6306, 0.9431



0.4315, 0.3401, 0.0429

Inverse Universe

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



20.7401, 24.4234, 42.1492



32.7843, 39.0372, 74.8089



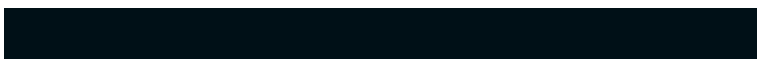
15.3927, 13.7285, 40.3667



8.0182, 8.6357, 10.1969



10.3493, 11.8324, 30.7829



0.3343, 0.4219, 0.8718

Previews

White Background



This preview shows how the XYZ color 24.0404, 20.6513, 10.9027 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 24.0404, 20.6513, 10.9027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

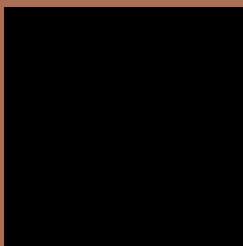
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0404, 20.6513, 10.9027

Background



This preview shows how black text looks on a background with the XYZ color 24.0404, 20.6513, 10.9027.



This preview shows how white text looks on a background with the XYZ color 24.0404, 20.6513,

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

24.0404, 20.6513, 10.9027

Protanopia

19.4174, 20.8772, 12.4575

Deuteranopia

20.9642, 20.6063, 10.6571



Tritanopia

25.5858, 20.6374, 18.8546

Trichromacy



Original Color

24.0404, 20.6513, 10.9027

Protanomaly

20.9521, 20.7524, 11.9181

Deuteranomaly

21.9848, 20.6009, 10.8003

Tritanomaly

24.8240, 20.4751, 15.4757

Monochromacy



Original Color

24.0404, 20.6513, 10.9027

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.8072, 20.5513, 17.6220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0404, 20.6513, 10.9027 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(171, 111, 83)` looks like.

```
.text, #text, p{  
    color:rgb(171, 111, 83)  
}
```

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(171, 111, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 111, 83) }
```

Border

The CSS property to change the border of an element to XYZ 24.0404, 20.6513, 10.9027 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(171, 111, 83) }
```


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

```
.border{ border-color:rgb(171, 111, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 111, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 111, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 111, 83);  
box-shadow:4px 4px 4px 4px rgb(171, 111,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0404, 20.6513, 10.9027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 111, 83) }
```

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

```
.background{ background-color: rgb(171,  
111, 83) }
```

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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