

Converting Colors

XYZ(24.1884, 21.0889, 9.4523)

Have a look what the booklet for
XYZ(24.1884, 21.0889, 9.4523)
contains.

XYZ(24.1884, 21.0889, 9.4523)	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(24.1884, 21.0889,
9.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	AC714B
RGB	172, 113, 75
RGB Percent	67%, 44%, 29%
CMY	0.3255, 0.5568, 0.7059
CMYK	0.00, 0.34, 0.56, 0.33
HSL	24°, 39%, 48%
HSV	24°, 56%, 67%
XYZ	24.1884, 21.0889, 9.4523
YIQ	126.3090, 47.3620, 0.6900

Conversions

Conversions Part 2

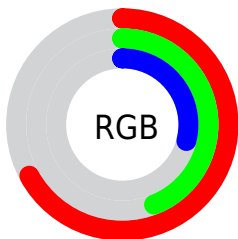
Format	Color
RYB	172, 137, 75
Decimal	11301195
CIELab	53.05, 19.24, 30.49
CIElCh	53, 36.052, 57.747
Yxy	21.0889, 0.4420, 0.3853
Android (android.graphics.Color)	4289491275 (0xFFAC714B)
YUV	126.3090, -25.2953, 40.0710
Hunter-Lab	45.9227, 13.6550, 19.9421

Details

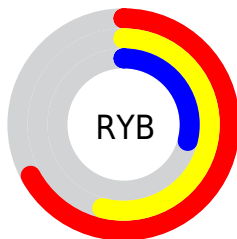
The XYZ color **24.1884, 21.0889, 9.4523** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.8727, 21.5236, 42.1894**, and the grayscale version is **20.0091, 21.0511, 22.9247**.

A 20% lighter version of the original color is **49.7899, 45.2139, 25.5050**, and **9.3145, 7.5823, 2.1350** is the 20% darker color. If you saturate the color by 10%, you get **22.5769, 18.6840, 6.3930**, and if you desaturate by 10%, it is **26.0947, 23.8286, 13.3954**.

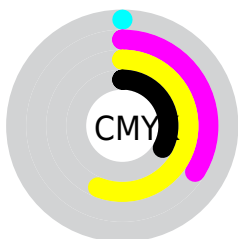
Distribution



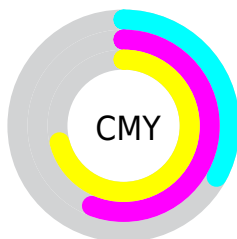
- Red (67%)
- Green (44%)
- Blue (29%)



- Red (67%)
- Yellow (54%)
- Blue (29%)



- Cyan (0%)
- Magenta (34%)
- Yellow (56%)
- Black (33%)





- Cyan (33%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1884, 21.0889, 9.4523 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 24.1884, 21.0889, 9.4523 by changing the saturation by 10% instead.


 24.1884, 21.0889,
9.4523


 24.1884, 21.0889,
9.4523


266.1944,
257.7506, 197.0577


 15.5989, 13.1890,
4.9365


 49.7899, 45.2354,
25.3516


 9.3298, 7.5588,
2.1520


 67.5327, 62.2509,
37.5722


 5.0158, 3.8140,
0.6465

 89.0572, 83.0736,
53.1982

 2.2914, 1.5701,
0.0000

 114.7289,
108.0880, 72.6482

 0.7902, 0.3373,
0.0000

 144.9131,
137.6785, 96.3405

 0.0000, 0.0000,
0.0000

179.9752,

172.2295, 124.6939

220.2805,
212.1254, 158.1268

■ 24.1884, 21.0889,
9.4523

■ 24.1884, 21.0889,
9.4523

■ 22.5769, 18.6840,
6.3930

■ 26.0947, 23.8286,
13.3954

■ 21.2408, 16.5965,
4.1455

■ 28.3102, 26.9134,
18.2842

■ 20.1607, 14.8117,
2.6282

■ 30.8502, 30.3568,
24.1761

■ 19.3106, 13.3111,
1.7296

■ 33.7283, 34.1707,
31.1239

■ 19.0435, 12.8313,
1.4730

■ 36.9575, 38.3662,
39.1763

■ 40.5499, 42.9542,
48.3792

■ 44.5169, 47.9448,
58.7758

■ 48.8696, 53.3480,
70.4071

■ 53.6186, 59.1733,
83.3121

Harmonies

Analogous

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



27.2069, 21.0889, 14.5548



24.1884, 21.0889, 9.4523



20.3321, 21.0889, 7.7884

Triad

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



24.1884, 21.0889, 9.4523



13.6112, 21.0889, 22.1518



23.6305, 21.0889, 46.8154

Complementary

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



24.1884, 21.0889, 9.4523



18.8727, 21.5236, 42.1894

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.



19.7594, 21.0889, 50.7520



24.1884, 21.0889, 9.4523



14.2641, 21.0889, 34.1085

Square

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



24.1884, 21.0889, 9.4523



14.4936, 21.0889, 13.5315



16.4029, 21.0889, 45.5091



26.8573, 21.0889, 35.9914

Rectangle

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



24.1884, 21.0889, 9.4523



17.9050, 21.0889, 8.2731



16.4029, 21.0889, 45.5091



22.3477, 21.0889, 49.1128

Sweetspot

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



24.1889, 21.0900, 9.4527



60.6872, 61.3329, 55.2348



23.8897, 15.5471, 24.5959



12.9623, 13.0310, 11.4514



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.



24.1889, 21.0900, 9.4527



40.2242, 32.7689, 10.3031



30.9728, 34.6578, 11.7140



8.2530, 8.5108, 8.4211



14.2218, 9.6491, 1.1129



0.4498, 0.3768, 0.0490

Inverse Universe

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



18.8727, 21.5236, 42.1894



29.5529, 33.5456, 75.7231



13.7013, 11.1809, 40.4656



7.9689, 8.5372, 10.1805



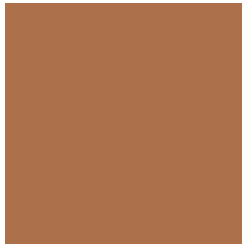
9.3257, 9.7853, 30.4417



0.3106, 0.3746, 0.8639

Previews

White Background



This preview shows how the XYZ color 24.1884, 21.0889, 9.4523 looks on a white background.

Color Contrast Check

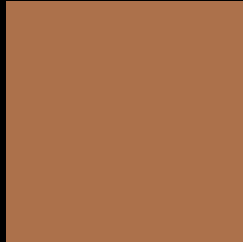
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1884, 21.0889, 9.4523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

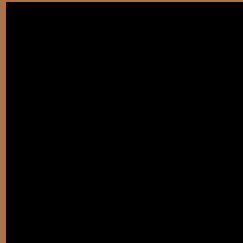
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1884, 21.0889, 9.4523

Background



This preview shows how black text looks on a background with the XYZ color 24.1884, 21.0889, 9.4523.



This preview shows how white text looks on a background with the XYZ color 24.1884, 21.0889,

9.4523.

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

24.1884, 21.0889, 9.4523

Protanopia

19.5186, 21.1612, 10.6452

Deuteranopia

21.5575, 21.1243, 9.2445



Tritanopia

26.1941, 21.1000, 19.2151

Trichromacy



Original Color

24.1884, 21.0889, 9.4523

Protanomaly

20.9124, 20.9532, 10.1499

Deuteranomaly

22.4124, 21.0283, 9.3562

Tritanomaly

25.3805, 21.0901, 15.0450

Monochromacy



Original Color

24.1884, 21.0889, 9.4523

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.8189, 20.5759, 16.7842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1884, 21.0889, 9.4523 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(172, 113, 75)` looks like.

```
.text, #text, p{  
    color:rgb(172, 113, 75)  
}
```

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(172, 113, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 113, 75) }
```

Border

The CSS property to change the border of an element to XYZ 24.1884, 21.0889, 9.4523 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(172, 113, 75) }
```


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

```
.border{ border-color:rgb(172, 113, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 113, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 113, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 113, 75);  
box-shadow:4px 4px 4px 4px rgb(172, 113,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1884, 21.0889, 9.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 113, 75) }
```

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

```
.background{ background-color: rgb(172,  
113, 75) }
```

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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