

Converting Colors

XYZ(21.7309, 14.4290, 7.6249)

Have a look what the booklet for
XYZ(21.7309, 14.4290, 7.6249)
contains.

XYZ(21.7507, 14.4264, 7.5994)	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(21.7507, 14.4264,
7.5994)**

Conversions

Conversions Part 1

Format	Color
Hex	B24747
RGB	178, 71, 71
RGB Percent	70%, 28%, 28%
CMY	0.3020, 0.7215, 0.7216
CMYK	0.00, 0.60, 0.60, 0.30
HSL	0°, 43%, 49%
HSV	0°, 60%, 70%
XYZ	21.7507, 14.4264, 7.5994
YIQ	102.9930, 63.7720, 22.6840

Conversions

Conversions Part 2

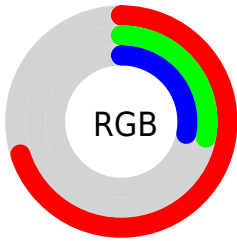
Format	Color
RYB	178, 71, 71
Decimal	11683655
CIELab	44.84, 43.60, 22.55
CIElCh	45, 49.083, 27.349
Yxy	14.4264, 0.4969, 0.3295
Android (android.graphics.Color)	4289873735 (0xFFB24747)
YUV	102.9930, -15.7725, 65.7811
Hunter-Lab	37.9821, 35.7505, 14.7248

Details

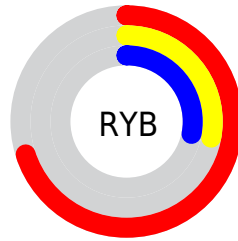
The XYZ color **21.7507, 14.4264, 7.5994** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **26.5536, 36.3923, 47.7443**, and the grayscale version is **12.9194, 13.5922, 14.8019**.

A 20% lighter version of the original color is **45.7973, 33.9244, 21.5870**, and **8.1124, 4.3910, 1.5186** is the 20% darker color. If you saturate the color by 10%, you get **20.2899, 12.2890, 4.6950**, and if you desaturate by 10%, it is **23.7111, 17.2953, 11.4959**.

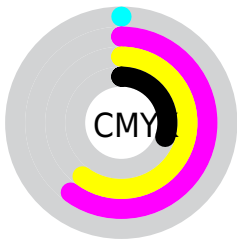
Distribution



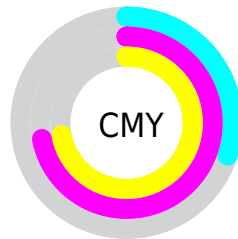
- Red (70%)
- Green (28%)
- Blue (28%)



- Red (70%)
- Yellow (28%)
- Blue (28%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (30%)





- Cyan (30%)
- Magenta (72%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7507, 14.4264, 7.5994 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 21.7507, 14.4264, 7.5994 by changing the saturation by 10% instead.


 21.7507, 14.4264,
7.5994


 21.7507, 14.4264,
7.5994


253.8985,
219.8676, 182.3709


 13.7894, 8.4178,
3.7556


 45.8155, 33.8437,
21.7023


 8.0551, 4.3635,
1.4923


 62.6498, 48.0213,
32.7986

 4.1823, 1.8789,
0.2122

 83.1724, 65.6906,
47.1494

 1.8058, 0.5356,
0.0000

 107.7488, 87.2361,
65.1733

 0.5211, 0.0000,
0.0000

 136.7442,
113.0421, 87.2889

 0.0000, 0.0000,
0.0000

170.5241,

143.4931, 113.9147

209.4537,
178.9735, 145.4692

■ 21.7507, 14.4264,
7.5994

■ 21.7507, 14.4264,
7.5994

■ 20.2899, 12.2890,
4.6950

■ 23.7111, 17.2953,
11.4959

■ 19.2825, 10.8149,
2.6927

■ 26.2095, 20.9512,
16.4626

■ 18.6760, 9.9274,
1.4871

■ 29.2818, 25.4470,
22.5703

■ 18.3602, 9.4652,
0.8593

■ 32.9607, 30.8303,
29.8838

■ 37.2763, 37.1451,
38.4629

■ 42.2566, 44.4327,
48.3637

■ 47.9281, 52.7317,
59.6385

■ 54.3158, 62.0786,
72.3372

■ 61.4433, 72.5082,
86.5068

Harmonies

Analogous

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



22.9307, 14.4264, 16.7502



21.7507, 14.4264, 7.5994



18.2995, 14.4264, 3.4960

Triad

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



21.7507, 14.4264, 7.5994



8.1971, 14.4264, 6.5617



13.3588, 14.4264, 49.6352

Complementary

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



21.7507, 14.4264, 7.5994



26.5536, 36.3923, 47.7443

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.



9.9632, 14.4264, 42.5491



21.7507, 14.4264, 7.5994



7.3691, 14.4264, 14.7098

Square

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



21.7507, 14.4264, 7.5994



10.4702, 14.4264, 3.1346



7.9470, 14.4264, 28.1717



17.5619, 14.4264, 44.5622

Rectangle

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



21.7507, 14.4264, 7.5994



15.4683, 14.4264, 2.5209



7.9470, 14.4264, 28.1717



12.0937, 14.4264, 48.5413

Sweetspot

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



21.7510, 14.4272, 7.5996



61.0948, 57.8440, 56.8213



28.6492, 17.1858, 43.9266



13.0698, 12.1338, 11.6628



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



21.7510, 14.4272, 7.5996



36.1377, 21.3242, 7.2084



26.7679, 24.4609, 9.2719



8.4964, 8.5053, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0193

Inverse Universe

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



26.5536, 36.3923, 47.7443



45.6189, 64.6881, 86.4629



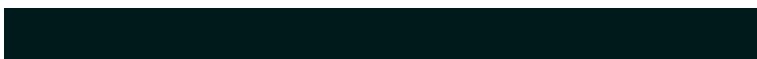
17.9049, 19.0949, 44.8614



8.7426, 9.6315, 10.9046



17.1396, 25.0796, 34.0745



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 21.7507, 14.4264, 7.5994 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 21.7507, 14.4264, 7.5994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

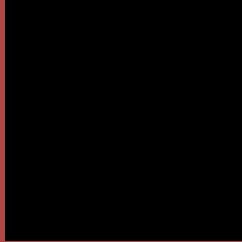
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.7507, 14.4264, 7.5994

Background



This preview shows how black text looks on a background with the XYZ color 21.7507, 14.4264, 7.5994.



This preview shows how white text looks on a background with the XYZ color 21.7507, 14.4264,

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

21.7507, 14.4264, 7.5994

Protanopia

13.7475, 14.6980, 10.9165

Deuteranopia

14.7880, 14.5632, 7.1858



Tritanopia

21.8203, 14.3533, 8.2770

Trichromacy



Original Color

21.7507, 14.4264, 7.5994

Protanomaly

15.8044, 13.9179, 9.6380

Deuteranomaly

16.8171, 14.1026, 7.3046

Tritanomaly

21.7863, 14.3397, 8.0981

Monochromacy



Original Color

21.7507, 14.4264, 7.5994

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.8353, 12.9833, 11.6217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7507, 14.4264, 7.5994 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(178, 71, 71)` looks like.

```
.text, #text, p{  
    color:rgb(178, 71, 71)  
}
```

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(178, 71, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 71, 71) }
```

Border

The CSS property to change the border of an element to XYZ 21.7507, 14.4264, 7.5994 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(178, 71, 71) }
```


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

```
.border{ border-color:rgb(178, 71, 71) }
```

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

Here you see how a box with a 4 pixel rgb(178, 71, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 71, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 71, 71);  
box-shadow:4px 4px 4px 4px rgb(178, 71,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7507, 14.4264, 7.5994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 71, 71) }
```

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

```
.background{ background-color: rgb(178, 71,  
71) }
```

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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