

Converting Colors

XYZ(20.4974, 21.6878, 24.9358)

Have a look what the booklet for
XYZ(20.4974, 21.6878, 24.9358)
contains.

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Color

**XYZ(20.4726, 21.7264,
24.9444)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8184
RGB	125, 129, 132
RGB Percent	49%, 51%, 52%
CMY	0.5098, 0.4941, 0.4823
CMYK	0.05, 0.02, 0.00, 0.48
HSL	206°, 3%, 50%
HSV	206°, 5%, 52%
XYZ	20.4726, 21.7264, 24.9444
YIQ	128.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

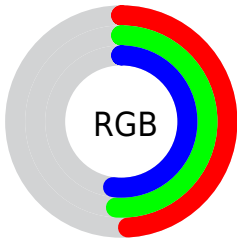
Format	Color
R_{YB}	125, 128, 132
Decimal	8225156
CIE Lab	53.74, -0.86, -2.14
CIE LCh	54, 2.312, 248.034
Yxy	21.7264, 0.3049, 0.3236
Android (android.graphics.Color)	4286415236 (0xFF7D8184)
YUV	128.1460, 1.9000, -2.7590
Hunter-Lab	46.6116, -3.1700, 0.8988

Details

The XYZ color **20.4726, 21.7264, 24.9444** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.9368, 21.8246, 22.5116**, and the grayscale version is **20.5634, 21.6343, 23.5598**.

A 20% lighter version of the original color is **43.8450, 46.4237, 52.5487**, and **7.4105, 7.8984, 9.3176** is the 20% darker color. If you saturate the color by 10%, you get **17.9481, 19.3503, 24.6192**, and if you desaturate by 10%, it is **23.2957, 24.3188, 25.2963**.

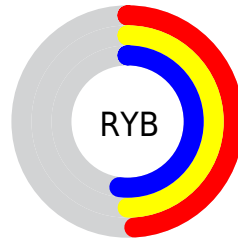
Distribution



Red (49%)

Green (51%)

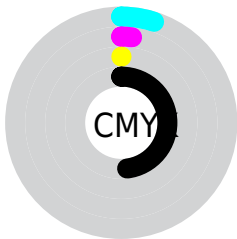
Blue (52%)



Red (49%)

Yellow (50%)

Blue (52%)

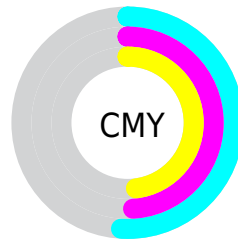


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (48%)



Cyan (51%)

Magenta (49%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4726, 21.7264, 24.9444 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 20.4726, 21.7264, 24.9444 by changing the saturation by 10% instead.

■ 20.4726, 21.7264,
24.9444

■ 20.4726, 21.7264,
24.9444

247.2473,
261.1141, 290.9997

■ 12.8493, 13.6560,
15.8170

■ 43.7060, 46.2934,
52.5300

■ 7.4011, 7.8818,
9.2418

■ 60.0469, 63.5587,
71.8253

■ 3.7628, 4.0194,
4.8003

■ 80.0243, 84.6579,
95.3470

■ 1.5688, 1.6844,
2.0739

104.0037,
109.9752, 123.5135

■ 0.3720, 0.4135,
0.6002

132.3503,
139.8951, 156.7435

■ 0.0000, 0.0000,
0.0000

165.4295,

174.8020, 195.4556

203.6067,
215.0802, 240.0681

■ 20.4726, 21.7264,
24.9444

■ 20.4726, 21.7264,
24.9444

■ 17.9481, 19.3503,
24.6192

■ 23.2957, 24.3188,
25.2963

■ 15.7096, 17.1813,
24.3185

■ 26.4257, 27.1310,
25.6742

■ 13.7464, 15.2134,
24.0421

■ 29.8728, 30.1697,
26.0790

■ 12.0464, 13.4394,
23.7893

■ 33.6461, 33.4405,
26.5115

■ 10.5964, 11.8513,
23.5592

■ 37.7545, 36.9491,
26.9721

■ 9.3820, 10.4408,
23.3509

■ 42.2065, 40.7004,
27.4616

■ 8.3872, 9.1984,
23.1635

■ 47.0101, 44.6998,
27.9804

■ 7.5939, 8.1135,
22.9960

■ 52.1732, 48.9519,
28.5290

■ 6.9752, 7.1713,
22.8467

■ 57.7035, 53.4616,
29.1080

Harmonies

Analogous

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



20.2773, 21.7264, 24.5070



20.4726, 21.7264, 24.9444



20.7169, 21.7264, 25.0332

Triad

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



20.4726, 21.7264, 24.9444



21.1256, 21.7264, 23.4662



20.3582, 21.7264, 22.5979

Complementary

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



20.4726, 21.7264, 24.9444



20.9368, 21.8246, 22.5116

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.



20.5838, 21.7264, 22.3309



20.4726, 21.7264, 24.9444



21.0278, 21.7264, 22.8256

Square

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



20.4726, 21.7264, 24.9444



21.0953, 21.7264, 24.1704



20.8290, 21.7264, 22.4134



20.2116, 21.7264, 23.1497

Rectangle

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



20.4726, 21.7264, 24.9444



20.8750, 21.7264, 24.8812



20.8290, 21.7264, 22.4134



20.4272, 21.7264, 22.4724

Sweetspot

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



20.4732, 21.7273, 24.9449



37.6243, 39.7172, 44.1363



20.5999, 22.4192, 23.6354



8.7757, 9.2617, 10.2779



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.4732, 21.7273, 24.9449



35.6735, 37.9097, 43.8903



20.0305, 20.8418, 24.7973



4.8086, 5.1121, 5.9341



6.5045, 6.5568, 22.0595



0.0298, 0.0372, 0.0788

Inverse Universe

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



20.8123, 21.1583, 23.7569



36.3620, 36.7610, 41.4767



21.3902, 22.7313, 22.6627



4.9055, 4.9507, 5.5942



10.4613, 5.2489, 7.0015



0.0399, 0.0196, 0.0436

Previews

White Background



This preview shows how the XYZ color 20.4726, 21.7264, 24.9444 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 20.4726, 21.7264, 24.9444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

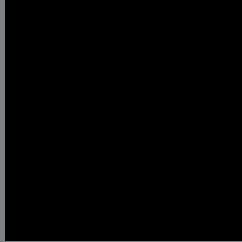
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

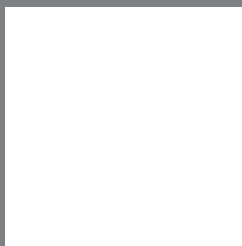
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4726, 21.7264, 24.9444

Background



This preview shows how black text looks on a background with the XYZ color 20.4726, 21.7264, 24.9444.



This preview shows how white text looks on a background with the XYZ color 20.4726, 21.7264,

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

20.4726, 21.7264, 24.9444

Protanopia

21.0218, 21.8229, 24.5770

Deuteranopia

22.0888, 21.5977, 25.1949



Tritanopia

20.9108, 21.7089, 27.1329

Trichromacy



Original Color

20.4726, 21.7264, 24.9444

Protanomaly

20.7180, 21.6662, 24.5628

Deuteranomaly

21.5260, 21.6835, 25.2411

Tritanomaly

20.7673, 21.6515, 26.3772

Monochromacy



Original Color

20.4726, 21.7264, 24.9444

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.4340, 21.5353, 23.8486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4726, 21.7264, 24.9444 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(125, 129, 132)` looks like.

```
.text, #text, p{  
    color:rgb(125, 129, 132)  
}
```

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(125, 129, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 129, 132) }
```

Border

The CSS property to change the border of an element to XYZ 20.4726, 21.7264, 24.9444 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(125, 129, 132) }
```


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

```
.border{ border-color:rgb(125, 129, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 129, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 129, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 129, 132);  
box-shadow:4px 4px 4px 4px rgb(125, 129,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4726, 21.7264, 24.9444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 129, 132) }
```

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

```
.background{ background-color: rgb(125,  
129, 132) }
```

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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