

Converting Colors

XYZ(24.7856, 32.0253, 26.5547)

Have a look what the booklet for
XYZ(24.7856, 32.0253, 26.5547)
contains.

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Color

**XYZ(24.7764, 31.9988,
26.7003)**

Conversions

Conversions Part 1

Format	Color
Hex	75A484
RGB	117, 164, 132
RGB Percent	46%, 64%, 52%
CMY	0.5412, 0.3568, 0.4823
CMYK	0.29, 0.00, 0.20, 0.36
HSL	139°, 21%, 55%
HSV	139°, 29%, 64%
XYZ	24.7764, 31.9988, 26.7003
YIQ	146.2990, -17.7400, -19.9160

Conversions

Conversions Part 2

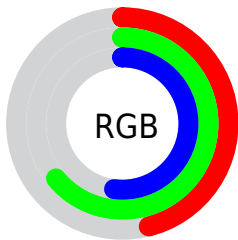
Format	Color
RYB	117, 153, 164
Decimal	7709828
CIELab	63.34, -22.59, 11.61
CIELCh	63, 25.400, 152.794
Yxy	31.9988, 0.2968, 0.3833
Android (android.graphics.Color)	4285899908 (0xFF75A484)
YUV	146.2990, -7.0494, -25.6952
Hunter-Lab	56.5675, -20.8106, 11.6119

Details

The XYZ color **24.7764, 31.9988, 26.7003** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.0970, 22.7857, 31.4049**, and the grayscale version is **27.4782, 28.9092, 31.4822**.

A 20% lighter version of the original color is **50.6660, 62.7119, 55.3332**, and **9.6319, 13.3908, 10.0597** is the 20% darker color. If you saturate the color by 10%, you get **22.0394, 30.6723, 22.7949**, and if you desaturate by 10%, it is **27.9831, 33.5597, 31.0560**.

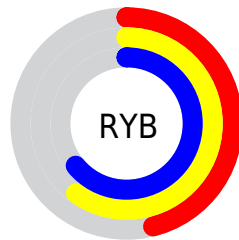
Distribution



Red (46%)

Green (64%)

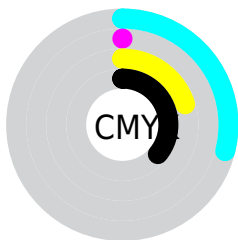
Blue (52%)



Red (46%)

Yellow (60%)

Blue (64%)

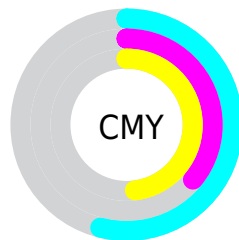


Cyan (29%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7764, 31.9988, 26.7003 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 24.7764, 31.9988, 26.7003 by changing the saturation by 10% instead.

■ 24.7764, 31.9988,
26.7003

■ 24.7764, 31.9988,
26.7003

269.0908,
311.1138, 299.9172

■ 16.0384, 21.3606,
17.1178

■ 50.7398, 62.8092,
55.4004

■ 9.6423, 13.3878,
10.1557

■ 68.6958, 83.7502,
75.3552

■ 5.2229, 7.6961,
5.3954

■ 90.4553, 108.8942,
99.6045

■ 2.4147, 3.9011,
2.4183

116.3834,
138.6257, 128.5668

■ 0.8525, 1.6184,
0.7964

146.8457,
173.3290, 162.6606

■ 0.0000, 0.3700,
0.0000

182.2075,

■ 0.0000, 0.0000,

213.3885, 202.3047

0.0000

222.8341,
259.1886, 247.9173

■ 24.7764, 31.9988,
26.7003

■ 24.7764, 31.9988,
26.7003

■ 22.0394, 30.6723,
22.7949

■ 27.9831, 33.5597,
31.0560

■ 19.7466, 29.5648,
19.3233

■ 31.6779, 35.3616,
35.8738

■ 17.8745, 28.6653,
16.2709

■ 35.8815, 37.4159,
41.1673

■ 16.3956, 27.9600,
13.6217

■ 40.6126, 39.7318,
46.9494

■ 15.2796, 27.4337,
11.3584

■ 45.8890, 42.3183,
53.2322

■ 14.4911, 27.0683,
9.4625

■ 51.7276, 45.1838,
60.0273

■ 13.9657, 26.8312,
7.9129

■ 58.1445, 48.3365,
67.3462

■ 13.9036, 26.8032,
7.7299

■ 65.1551, 51.7841,
75.1999

■ 69.1525, 53.6667,
83.4294

Harmonies

Analogous

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



26.8892, 31.9988, 20.9408



24.7764, 31.9988, 26.7003



24.1351, 31.9988, 35.7959

Triad

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



24.7764, 31.9988, 26.7003



30.7454, 31.9988, 58.0427



36.4734, 31.9988, 25.3514

Complementary

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



24.7764, 31.9988, 26.7003



27.0970, 22.7857, 31.4049

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.



37.6969, 31.9988, 33.9037



24.7764, 31.9988, 26.7003



34.2338, 31.9988, 53.8344

Square

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



24.7764, 31.9988, 26.7003



27.4198, 31.9988, 55.1088



36.8476, 31.9988, 44.4886



33.6184, 31.9988, 20.2742

Rectangle

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



24.7764, 31.9988, 26.7003



24.5846, 31.9988, 42.9140



36.8476, 31.9988, 44.4886



37.0987, 31.9988, 27.8503

Sweetspot

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



24.7773, 32.0001, 26.7010



57.1341, 64.0067, 64.6475



28.9032, 34.2374, 21.9150



12.2766, 13.8886, 13.8579



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.7773, 32.0001, 26.7010



41.9016, 56.5924, 44.1286



26.5612, 32.7137, 36.0952



7.0744, 7.9306, 8.0034



10.6798, 20.5583, 6.0302



0.2451, 0.4402, 0.2356

Inverse Universe

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



27.0970, 22.7857, 31.4049



46.7691, 37.2456, 53.9898



25.4132, 22.1122, 22.5383



7.2677, 7.1635, 8.3960



13.9892, 6.9517, 12.3995



0.3140, 0.1541, 0.3660

Previews

White Background



This preview shows how the XYZ color 24.7764, 31.9988, 26.7003 looks on a white 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

Black Background



This preview shows how the XYZ color 24.7764, 31.9988, 26.7003 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 ✓ Pass

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

XYZ 24.7764, 31.9988, 26.7003

Background



This preview shows how black text looks on a background with the XYZ color 24.7764, 31.9988, 26.7003.



This preview shows how white text looks on a background with the XYZ color 24.7764, 31.9988,

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

24.7764, 31.9988, 26.7003

Protanopia

29.6921, 31.5399, 24.2615

Deuteranopia

32.3332, 31.6437, 27.6962



Tritanopia

28.2063, 32.0965, 43.2367

Trichromacy



Original Color

24.7764, 31.9988, 26.7003

Protanomaly

27.4618, 31.3552, 25.0268

Deuteranomaly

28.9013, 31.3040, 27.4407

Tritanomaly

26.8567, 32.0616, 36.6713

Monochromacy



Original Color

24.7764, 31.9988, 26.7003

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.1906, 29.8564, 29.5818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7764, 31.9988, 26.7003 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(117, 164, 132)` looks like.

```
.text, #text, p{  
    color:rgb(117, 164, 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(117, 164, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 164, 132) }
```

Border

The CSS property to change the border of an element to XYZ 24.7764, 31.9988, 26.7003 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(117, 164, 132) }
```


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

```
.border{ border-color:rgb(117, 164, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 164, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 164, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 164, 132);  
box-shadow:4px 4px 4px 4px rgb(117, 164,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7764, 31.9988, 26.7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 164, 132) }
```

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

```
.background{ background-color: rgb(117,  
164, 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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