

Converting Colors

XYZ(25.9497, 29.9501, 30.7988)

Have a look what the booklet for
XYZ(25.9497, 29.9501, 30.7988)
contains.

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Color

**XYZ(25.9497, 29.9501,
30.7988)**

Conversions

Conversions Part 1

Format	Color
Hex	839A90
RGB	131, 154, 144
RGB Percent	51%, 60%, 56%
CMY	0.4863, 0.3961, 0.4353
CMYK	0.15, 0.00, 0.06, 0.40
HSL	154°, 10%, 56%
HSV	154°, 15%, 60%
XYZ	25.9497, 29.9501, 30.7988
YIQ	145.9830, -10.4980, -7.9860

Conversions

Conversions Part 2

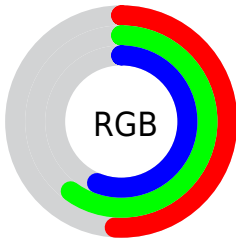
Format	Color
R_{YB}	131, 146, 154
Decimal	8624784
CIE _{Lab}	61.61, -10.17, 2.53
CIE _{LCh}	62, 10.474, 166.048
Yxy	29.9501, 0.2993, 0.3455
Android (android.graphics.Color)	4286814864 (0xFF839A90)
YUV	145.9830, -0.9776, -13.1401
Hunter-Lab	54.7267, -11.1325, 4.9418

Details

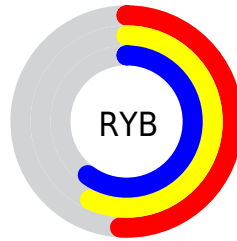
The XYZ color **25.9497, 29.9501, 30.7988** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.2515, 25.0265, 28.6476**, and the grayscale version is **27.3223, 28.7451, 31.3035**.

A 20% lighter version of the original color is **52.5161, 59.3793, 62.1195**, and **10.2640, 12.2580, 12.4147** is the 20% darker color. If you saturate the color by 10%, you get **23.2429, 28.6129, 28.0794**, and if you desaturate by 10%, it is **29.0431, 31.4847, 33.6961**.

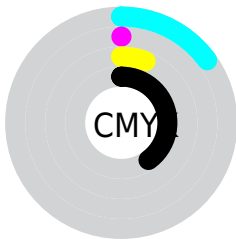
Distribution



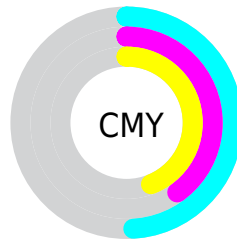
- Red (51%)
- Green (60%)
- Blue (56%)



- Red (51%)
- Yellow (57%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9497, 29.9501, 30.7988 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 25.9497, 29.9501, 30.7988 by changing the saturation by 10% instead.

■ 25.9497, 29.9501,
30.7988

■ 25.9497, 29.9501,
30.7988

274.7963,
301.6718, 319.9328

■ 16.9185, 19.8007,
20.1885

■ 52.6257, 59.5833,
61.9990

■ 10.2713, 12.2503,
12.3467

■ 71.0011, 79.8358,
83.4260

■ 5.6429, 6.9144,
6.8549

■ 93.2221, 104.2249,
109.2957

■ 2.6677, 3.4086,
3.2944

119.6539,
133.1349, 140.0266

■ 0.9806, 1.3486,
1.2469

150.6618,
166.9502, 176.0372

■ 0.0000, 0.1784,
0.0176

186.6113,

■ 0.0000, 0.0000,

206.0551, 217.7460

0.0000

227.8677,
250.8342, 265.5717

■ 25.9497, 29.9501,
30.7988

■ 25.9497, 29.9501,
30.7988

■ 23.2429, 28.6129,
28.0794

■ 29.0431, 31.4847,
33.6961

■ 20.9041, 27.4612,
25.5324

■ 32.5358, 33.2208,
36.7726

■ 18.9168, 26.4873,
23.1549

■ 36.4428, 35.1668,
40.0322

■ 17.2624, 25.6816,
20.9431

■ 40.7777, 37.3298,
43.4782

■ 15.9202, 25.0337,
18.8930

■ 45.5536, 39.7163,
47.1136

■ 14.8674, 24.5317,
17.0006

■ 50.7827, 42.3327,
50.9415

■ 14.0776, 24.1622,
15.2615

■ 56.4770, 45.1851,
54.9646

■ 13.5175, 23.9081,
13.6709

■ 62.6479, 48.2792,
59.1860

■ 13.2780, 23.8010,
12.9190

■ 63.7278, 48.7450,
63.3472

Harmonies

Analogous

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



26.5847, 29.9501, 27.5791



25.9497, 29.9501, 30.7988



25.9735, 29.9501, 34.7737

Triad

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



25.9497, 29.9501, 30.7988



29.2123, 29.9501, 40.5375



30.3631, 29.9501, 27.4023

Complementary

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



25.9497, 29.9501, 30.7988



26.2515, 25.0265, 28.6476

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.



31.1145, 29.9501, 30.5391



25.9497, 29.9501, 30.7988



30.4354, 29.9501, 38.2196

Square

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



25.9497, 29.9501, 30.7988



27.8268, 29.9501, 40.6214



31.1414, 29.9501, 34.4920



29.1163, 29.9501, 25.7289

Rectangle

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



25.9497, 29.9501, 30.7988



26.3590, 29.9501, 37.3277



31.1414, 29.9501, 34.4920



30.6838, 29.9501, 28.3086

Sweetspot

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



25.9505, 29.9514, 30.7995



53.2709, 57.4472, 61.6742



26.6975, 30.4447, 25.9424



11.9602, 12.9545, 13.8715



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.9505, 29.9514, 30.7995



45.3773, 53.5347, 54.2191



26.5605, 29.8931, 34.9434



6.2710, 6.9811, 7.3505



10.8356, 19.3977, 10.6206



0.1802, 0.2973, 0.2548

Inverse Universe

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



26.2515, 25.0265, 28.6476



46.0338, 42.7929, 49.5264



25.6957, 25.0527, 24.9545



6.3147, 6.2651, 7.0376



11.6993, 5.9340, 4.9417



0.1927, 0.0958, 0.1675

Previews

White Background



This preview shows how the XYZ color 25.9497, 29.9501, 30.7988 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 25.9497, 29.9501, 30.7988 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

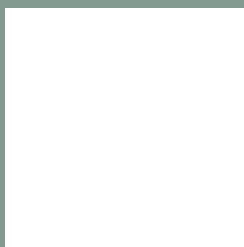
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9497, 29.9501, 30.7988

Background



This preview shows how black text looks on a background with the XYZ color 25.9497, 29.9501, 30.7988.



This preview shows how white text looks on a background with the XYZ color 25.9497, 29.9501,

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

25.9497, 29.9501, 30.7988

Protanopia

28.5345, 29.8752, 29.4619

Deuteranopia

30.4714, 29.9144, 31.3622



Tritanopia

27.5090, 29.8459, 38.9613

Trichromacy



Original Color

25.9497, 29.9501, 30.7988

Protanomaly

27.4659, 29.7854, 29.8927

Deuteranomaly

28.6496, 29.8995, 31.0493

Tritanomaly

26.9019, 29.8433, 35.7949

Monochromacy



Original Color

25.9497, 29.9501, 30.7988

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8428, 29.2019, 31.0098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9497, 29.9501, 30.7988 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(131, 154, 144)` looks like.

```
.text, #text, p{  
    color:rgb(131, 154, 144)  
}
```

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(131, 154, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 154, 144) }
```

Border

The CSS property to change the border of an element to XYZ 25.9497, 29.9501, 30.7988 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(131, 154, 144) }
```


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

```
.border{ border-color:rgb(131, 154, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 154, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 154, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 154, 144);  
box-shadow:4px 4px 4px 4px rgb(131, 154,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9497, 29.9501, 30.7988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 154, 144) }
```

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

```
.background{ background-color: rgb(131,  
154, 144) }
```

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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