

Converting Colors

XYZ(16.9726, 24.7027, 12.2387)

Have a look what the booklet for
XYZ(16.9726, 24.7027, 12.2387)
contains.

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Color

**XYZ(17.0208, 24.7799,
12.2734)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9654
RGB	93, 150, 84
RGB Percent	36%, 59%, 33%
CMY	0.6353, 0.4118, 0.6706
CMYK	0.38, 0.00, 0.44, 0.41
HSL	112°, 28%, 46%
HSV	112°, 44%, 59%
XYZ	17.0208, 24.7799, 12.2734
YIQ	125.4330, -12.7860, -32.6100

Conversions

Conversions Part 2

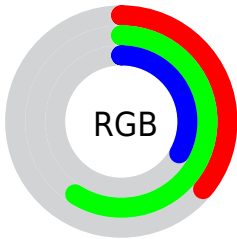
Format	Color
R_{YB}	84, 150, 141
Decimal	6133332
CIE _{Lab}	56.86, -32.23, 29.01
CIE _{LCh}	57, 43.359, 138.007
Yxy	24.7799, 0.3148, 0.4583
Android (android.graphics.Color)	4284323412 (0xFF5D9654)
YUV	125.4330, -20.4265, -28.4437
Hunter-Lab	49.7794, -26.0805, 20.2273

Details

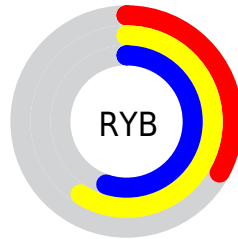
The XYZ color **17.0208, 24.7799, 12.2734** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.6608, 14.2061, 30.5612**, and the grayscale version is **19.7095, 20.7360, 22.5815**.

A 20% lighter version of the original color is **38.0586, 51.5229, 30.8607**, and **5.7506, 9.5495, 3.2904** is the 20% darker color. If you saturate the color by 10%, you get **15.2932, 23.9508, 9.4474**, and if you desaturate by 10%, it is **19.0977, 25.7760, 15.7736**.

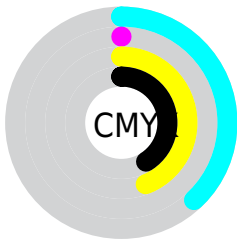
Distribution



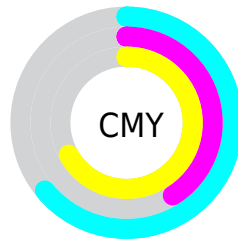
- Red (36%)
- Green (59%)
- Blue (33%)



- Red (33%)
- Yellow (59%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (44%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0208, 24.7799, 12.2734 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 17.0208, 24.7799, 12.2734 by changing the saturation by 10% instead.

■ 17.0208, 24.7799,
12.2734

■ 17.0208, 24.7799,
12.2734

228.4461,
276.7401, 217.2487

■ 10.3447, 15.9131,
6.8054

■ 37.9048, 51.2999,
30.6639

■ 5.6921, 9.4627,
3.2641

■ 52.8435, 69.7220,
44.4234

■ 2.6977, 5.0442,
1.2310

■ 71.2671, 92.0980,
61.7839

■ 0.9960, 2.2732,
0.0042

■ 93.5410, 118.8122,
83.1638

■ 0.0000, 0.7595,
0.0000

■ 120.0304,
150.2492, 108.9817

■ 0.0000, 0.0000,
0.0000

151.1009,

186.7932, 139.6561

187.1177,
228.8287, 175.6056

■ 17.0208, 24.7799,
12.2734

■ 17.0208, 24.7799,
12.2734

■ 15.2932, 23.9508,
9.4474

■ 19.0977, 25.7760,
15.7736

■ 13.8937, 23.2765,
7.2507

■ 21.5398, 26.9442,
19.9858

■ 12.8017, 22.7481,
5.6356


■ 24.3642, 28.2934,
24.9468


■ 11.9934, 22.3547,
4.5470


■ 27.5866, 29.8308,
30.6907


■ 11.4412, 22.0834,
3.9180


■ 31.2216, 31.5633,
37.2491

 11.2046, 21.9671,
3.6495

 35.2832, 33.4975,
44.6522

 39.7846, 35.6395,
52.9285

 44.7384, 37.9954,
62.1052

 50.1570, 40.5707,
72.2082

Harmonies

Analogous

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



20.6638, 24.7799, 8.1786



17.0208, 24.7799, 12.2734



15.2410, 24.7799, 21.5820

Triad

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



17.0208, 24.7799, 12.2734



21.5830, 24.7799, 64.5744



34.1014, 24.7799, 19.2334

Complementary

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



17.0208, 24.7799, 12.2734



19.6608, 14.2061, 30.5612

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.



34.4415, 24.7799, 33.2130



17.0208, 24.7799, 12.2734



26.6987, 24.7799, 63.2267

Square

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



17.0208, 24.7799, 12.2734



17.6102, 24.7799, 53.5274



31.5722, 24.7799, 50.3217



30.7006, 24.7799, 11.0880

Rectangle

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



17.0208, 24.7799, 12.2734



15.1530, 24.7799, 31.0626



31.5722, 24.7799, 50.3217



34.5935, 24.7799, 23.2738

Sweetspot

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



17.0214, 24.7810, 12.2739



43.3941, 50.1197, 44.7294



23.5716, 25.9106, 12.1468



9.3780, 10.9932, 9.4903



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.0214, 24.7810, 12.2739



26.9757, 42.2602, 16.6523



17.2223, 24.7622, 17.8100



5.7988, 6.5041, 6.1903



9.3097, 18.2272, 3.0275



0.1281, 0.2304, 0.0377

Inverse Universe

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



19.6608, 14.2061, 30.5612



32.2383, 21.0616, 53.2874



19.5731, 14.3550, 21.7846



5.9584, 5.8695, 7.2886



12.1632, 5.7429, 24.3985



0.1662, 0.0792, 0.2994

Previews

White Background



This preview shows how the XYZ color 17.0208, 24.7799, 12.2734 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 17.0208, 24.7799, 12.2734 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 17.0208, 24.7799, 12.2734

Background



This preview shows how black text looks on a background with the XYZ color 17.0208, 24.7799, 12.2734.



This preview shows how white text looks on a background with the XYZ color 17.0208, 24.7799,

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

17.0208, 24.7799, 12.2734

Protanopia

22.6099, 24.5624, 10.9465

Deuteranopia

24.8901, 24.4731, 12.8631



Tritanopia

21.3666, 24.7101, 33.7804

Trichromacy



Original Color

17.0208, 24.7799, 12.2734

Protanomaly

20.0633, 24.3110, 11.4196

Deuteranomaly

21.1472, 23.9827, 12.5314

Tritanomaly

19.3885, 24.5760, 24.1438

Monochromacy



Original Color

17.0208, 24.7799, 12.2734

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.1496, 21.6867, 17.9812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0208, 24.7799, 12.2734 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(93, 150, 84)` looks like.

```
.text, #text, p{  
    color:rgb(93, 150, 84)  
}
```

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(93, 150, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 150, 84) }
```

Border

The CSS property to change the border of an element to XYZ 17.0208, 24.7799, 12.2734 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(93, 150, 84) }
```


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

```
.border{ border-color:rgb(93, 150, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 150, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 150, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 150, 84);  
box-shadow:4px 4px 4px 4px rgb(93, 150,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0208, 24.7799, 12.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 150, 84) }
```

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

```
.background{ background-color: rgb(93, 150,  
84) }
```

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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