

Converting Colors

XYZ(13.9728, 17.3121, 24.1289)

Have a look what the booklet for
XYZ(13.9728, 17.3121, 24.1289)
contains.

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Color

**XYZ(13.9273, 17.2211,
24.0627)**

Conversions

Conversions Part 1

Format	Color
Hex	497B83
RGB	73, 123, 131
RGB Percent	29%, 48%, 51%
CMY	0.7137, 0.5176, 0.4863
CMYK	0.44, 0.06, 0.00, 0.49
HSL	188°, 28%, 40%
HSV	188°, 44%, 51%
XYZ	13.9273, 17.2211, 24.0627
YIQ	108.9620, -32.3680, -8.1120

Conversions

Conversions Part 2

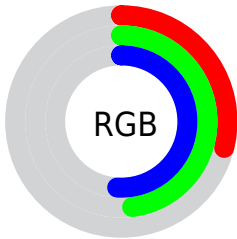
Format	Color
R_{YB}	73, 100, 131
Decimal	4815747
CIE _{Lab}	48.54, -14.58, -9.65
CIE _{LCh}	49, 17.481, 213.494
Yxy	17.2211, 0.2523, 0.3119
Android (android.graphics.Color)	4283005827 (0xFF497B83)
YUV	108.9620, 10.8647, -31.5387
Hunter-Lab	41.4983, -12.7154, -5.3303

Details

The XYZ color **13.9273, 17.2211, 24.0627** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.5053, 11.1913, 7.7519**, and the grayscale version is **14.5022, 15.2574, 16.6153**.

A 20% lighter version of the original color is **32.6345, 38.8713, 51.1303**, and **4.2403, 5.6452, 8.8488** is the 20% darker color. If you saturate the color by 10%, you get **12.8155, 16.3187, 23.9474**, and if you desaturate by 10%, it is **15.2534, 18.2409, 24.1900**.

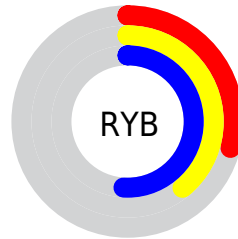
Distribution



Red (29%)

Green (48%)

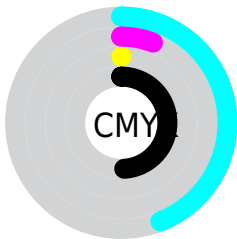
Blue (51%)



Red (29%)

Yellow (39%)

Blue (51%)

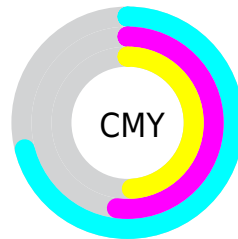


Cyan (44%)

Magenta (6%)

Yellow (0%)

Black (49%)



Cyan (71%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9273, 17.2211, 24.0627 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 13.9273, 17.2211, 24.0627 by changing the saturation by 10% instead.

■ 13.9273, 17.2211,
24.0627

■ 13.9273, 17.2211,
24.0627

210.2978,
236.4433, 286.4341

■ 8.1515, 10.3923,
15.1675

■ 32.5473, 38.7055,
51.0776

■ 4.2447, 5.6598,
8.7891

■ 46.1222, 54.1299,
70.0344

■ 1.8415, 2.6393,
4.5089

■ 63.0276, 73.1883,
93.1822

■ 0.5425, 0.9465,
1.9085

■ 83.6286, 96.2650,
120.9394

■ 0.0000, 0.0000,
0.4981

■ 108.2909,
123.7444, 153.7247

■ 0.0000, 0.0000,
0.0000

137.3795,

156.0110, 191.9565

171.2601,
193.4492, 236.0535

■ 13.9273, 17.2211,
24.0627

■ 13.9273, 17.2211,
24.0627

■ 12.8155, 16.3187,
23.9474

■ 15.2534, 18.2409,
24.1900

■ 11.9032, 15.5249,
23.8423

■ 16.8043, 19.3824,
24.3285

■ 11.1761, 14.8325,
23.7470

■ 18.5917, 20.6520,
24.4794

■ 10.6173, 14.2331,
23.6607

■ 20.6261, 22.0552,
24.6430

■ 10.2046, 13.7149,
23.5824

■ 22.9173, 23.5970,
24.8199

■ 9.9947, 13.4345,
23.5394

■ 25.4746, 25.2823,
25.0104

■ 28.3067, 27.1156,
25.2150

■ 31.4220, 29.1013,
25.4340

■ 34.8286, 31.2435,
25.6680

Harmonies

Analogous

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



13.4773, 17.2211, 19.2946



13.9273, 17.2211, 24.0627



15.0292, 17.2211, 27.8232

Triad

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



13.9273, 17.2211, 24.0627



19.2877, 17.2211, 22.9779



16.1808, 17.2211, 11.2408

Complementary

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



13.9273, 17.2211, 24.0627



13.5053, 11.1913, 7.7519

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.



17.7843, 17.2211, 11.9022



13.9273, 17.2211, 24.0627



19.6454, 17.2211, 18.2175

Square

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



13.9273, 17.2211, 24.0627



18.1307, 17.2211, 27.1284



19.0787, 17.2211, 14.2846



14.7237, 17.2211, 12.3044

Rectangle

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



13.9273, 17.2211, 24.0627



16.0210, 17.2211, 28.9731



19.0787, 17.2211, 14.2846



16.7203, 17.2211, 11.2697

Sweetspot

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



13.9278, 17.2218, 24.0631



33.6285, 37.2170, 43.8643



12.3395, 18.2395, 10.6027



7.6745, 8.5565, 10.1998



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.



13.9278, 17.2218, 24.0631



22.9588, 29.2307, 42.8852



10.8711, 11.1084, 23.0442



4.7484, 5.1723, 5.9488



9.8395, 13.2269, 23.1711



0.0378, 0.0533, 0.0815

Inverse Universe

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



15.3182, 11.0208, 20.0596



25.8554, 16.9035, 34.4116



16.1102, 16.4011, 8.6202



4.8310, 4.7521, 5.7224



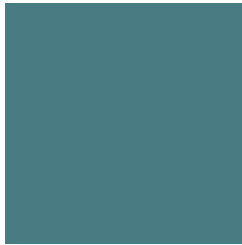
12.1447, 5.9222, 15.8659



0.0440, 0.0213, 0.0649

Previews

White Background



This preview shows how the XYZ color 13.9273, 17.2211, 24.0627 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 13.9273, 17.2211, 24.0627 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 13.9273, 17.2211, 24.0627

Background



This preview shows how black text looks on a background with the XYZ color 13.9273, 17.2211, 24.0627.



This preview shows how white text looks on a background with the XYZ color 13.9273, 17.2211,

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

13.9273, 17.2211, 24.0627

Protanopia

16.6584, 17.0927, 21.8233

Deuteranopia

17.3639, 17.0637, 24.5687



Tritanopia

14.0643, 17.2758, 24.7836

Trichromacy



Original Color

13.9273, 17.2211, 24.0627

Protanomaly

15.3376, 16.9075, 22.5338

Deuteranomaly

15.7771, 16.9234, 24.2648

Tritanomaly

13.9955, 17.2483, 24.4214

Monochromacy



Original Color

13.9273, 17.2211, 24.0627

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.0521, 15.8058, 19.1398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9273, 17.2211, 24.0627 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(73, 123, 131)` looks like.

```
.text, #text, p{  
    color:rgb(73, 123, 131)  
}
```

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(73, 123, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 123, 131) }
```

Border

The CSS property to change the border of an element to XYZ 13.9273, 17.2211, 24.0627 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(73, 123, 131) }
```


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

```
.border{ border-color:rgb(73, 123, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 123, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 123, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 123, 131);  
box-shadow:4px 4px 4px 4px rgb(73, 123,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9273, 17.2211, 24.0627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 123, 131) }
```

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

```
.background{ background-color: rgb(73, 123,  
131) }
```

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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