

Converting Colors

XYZ(15.0738, 18.2659, 24.5613)

Have a look what the booklet for
XYZ(15.0738, 18.2659, 24.5613)
contains.

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Color

**XYZ(14.9781, 18.1270,
24.5392)**

Conversions

Conversions Part 1

Format	Color
Hex	527D84
RGB	82, 125, 132
RGB Percent	32%, 49%, 52%
CMY	0.6784, 0.5098, 0.4823
CMYK	0.38, 0.05, 0.00, 0.48
HSL	188°, 23%, 42%
HSV	188°, 38%, 52%
XYZ	14.9781, 18.1270, 24.5392
YIQ	112.9410, -27.8750, -6.9390

Conversions

Conversions Part 2

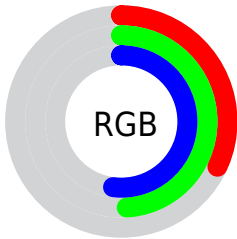
Format	Color
R_{YB}	82, 105, 132
Decimal	5406084
CIE _{Lab}	49.65, -12.90, -8.52
CIE _{LCh}	50, 15.463, 213.442
Yxy	18.1270, 0.2598, 0.3145
Android (android.graphics.Color)	4283596164 (0xFF527D84)
YUV	112.9410, 9.3961, -27.1353
Hunter-Lab	42.5758, -11.7117, -4.3696

Details

The XYZ color **14.9781, 18.1270, 24.5392** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.6113, 12.6596, 9.6564**, and the grayscale version is **15.6579, 16.4733, 17.9394**.

A 20% lighter version of the original color is **34.5089, 40.4119, 51.8804**, and **4.7414, 6.1005, 9.1112** is the 20% darker color. If you saturate the color by 10%, you get **13.7073, 17.1283, 24.4137**, and if you desaturate by 10%, it is **16.4752, 19.2497, 24.6773**.

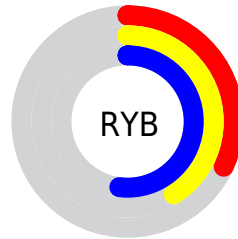
Distribution



Red (32%)

Green (49%)

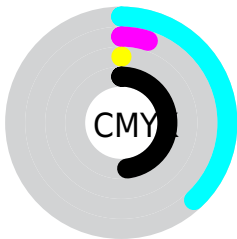
Blue (52%)



Red (32%)

Yellow (41%)

Blue (52%)

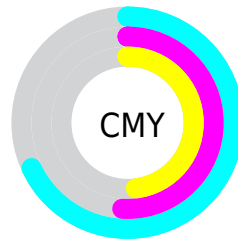


Cyan (38%)

Magenta (5%)

Yellow (0%)

Black (48%)



Cyan (68%)

Magenta (51%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9781, 18.1270, 24.5392 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 14.9781, 18.1270, 24.5392 by changing the saturation by 10% instead.

■ 14.9781, 18.1270,
24.5392

■ 14.9781, 18.1270,
24.5392

■ 216.6246,
241.5859, 288.9091

■ 8.8902, 11.0412,
15.5182

■ 34.3867, 40.2536,
51.8635

■ 4.7262, 6.0946,
9.0332

■ 48.4382, 56.0632,
71.0039

■ 2.1206, 2.9027,
4.6657

■ 65.8749, 75.5495,
94.3544

■ 0.7004, 1.0811,
1.9972

■ 87.0622, 99.0970,
122.3337

■ 0.0000, 0.0000,
0.5536

■ 112.3655,
127.0900, 155.3603

■ 0.0000, 0.0000,
0.0000

142.1501,

159.9128, 193.8527

176.7814,
197.9500, 238.2295

■ 14.9781, 18.1270,
24.5392

■ 14.9781, 18.1270,
24.5392

■ 13.7073, 17.1283,
24.4137

■ 16.4752, 19.2497,
24.6773

■ 12.6484, 16.2448,
24.2990

■ 18.2087, 20.5003,
24.8273

■ 11.7879, 15.4700,
24.1948

■ 20.1900, 21.8852,
24.9902

■ 11.1101, 14.7958,
24.1004

■ 22.4294, 23.4097,
25.1665

■ 10.5969, 14.2126,
24.0149

■ 24.9364, 25.0788,
25.3565

■ 10.2079, 13.6999,
23.9364

■ 27.7202, 26.8972,
25.5607

■ 10.1287, 13.5936,
23.9201

■ 30.7895, 28.8694,
25.7797

■ 34.1525, 30.9998,
26.0136

■ 37.8174, 33.2925,
26.2630

Harmonies

Analogous

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



14.5607, 18.1270, 20.2269



14.9781, 18.1270, 24.5392



15.9969, 18.1270, 27.8931

Triad

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



14.9781, 18.1270, 24.5392



19.8812, 18.1270, 23.5794



17.0601, 18.1270, 12.7137

Complementary

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



14.9781, 18.1270, 24.5392



14.6113, 12.6596, 9.6564

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.



18.5231, 18.1270, 13.3497



14.9781, 18.1270, 24.5392



20.2052, 18.1270, 19.2555

Square

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



14.9781, 18.1270, 24.5392



18.8331, 18.1270, 27.2860



19.6952, 18.1270, 15.6065



15.7190, 18.1270, 13.7275

Rectangle

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



14.9781, 18.1270, 24.5392



16.9086, 18.1270, 28.9136



19.6952, 18.1270, 15.6065



17.5538, 18.1270, 12.7423

Sweetspot

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



14.9786, 18.1277, 24.5396



34.3391, 37.7018, 43.9205



13.5205, 19.0124, 12.3354



7.9015, 8.7127, 10.2180



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.



14.9786, 18.1277, 24.5396



24.5353, 30.4849, 43.0442



12.2341, 12.6385, 23.6248



4.7476, 5.1708, 5.9486



9.8099, 13.1676, 23.1613



0.0378, 0.0532, 0.0815

Inverse Universe

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



16.2351, 12.4212, 20.9447



27.1147, 19.1819, 35.5718



17.0188, 17.4746, 10.4589



4.8306, 4.7519, 5.7203



12.1297, 5.9162, 15.7872



0.0439, 0.0213, 0.0648

Previews

White Background



This preview shows how the XYZ color 14.9781, 18.1270, 24.5392 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 14.9781, 18.1270, 24.5392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

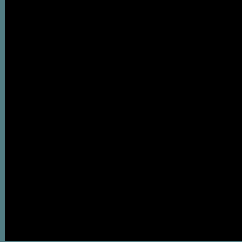
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

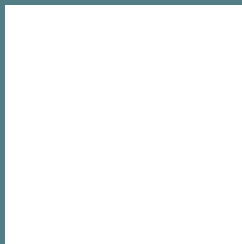
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9781, 18.1270, 24.5392

Background



This preview shows how black text looks on a background with the XYZ color 14.9781, 18.1270, 24.5392.



This preview shows how white text looks on a background with the XYZ color 14.9781, 18.1270,

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

14.9781, 18.1270, 24.5392

Protanopia

17.5282, 18.0368, 22.6363

Deuteranopia

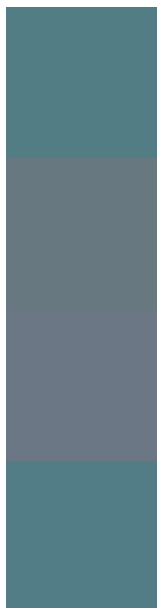
18.3190, 18.0476, 25.0723



Tritanopia

15.2741, 18.2555, 25.6403

Trichromacy



Original Color

14.9781, 18.1270, 24.5392

Protanomaly

16.3878, 17.9610, 23.3720

Deuteranomaly

16.8939, 18.0129, 24.7767

Tritanomaly

15.2040, 18.2275, 25.2712

Monochromacy



Original Color

14.9781, 18.1270, 24.5392

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2309, 16.9034, 20.2292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9781, 18.1270, 24.5392 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(82, 125, 132) looks like.

```
.text, #text, p{  
    color:rgb(82, 125, 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(82, 125, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 125, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.9781, 18.1270, 24.5392 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(82, 125, 132) }
```


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

```
.border{ border-color:rgb(82, 125, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 125, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 125, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 125, 132);  
box-shadow:4px 4px 4px 4px rgb(82, 125,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9781, 18.1270, 24.5392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 125, 132) }
```

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

```
.background{ background-color: rgb(82, 125,  
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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