

Converting Colors

XYZ(15.2178, 18.2751, 24.0450)

Have a look what the booklet for
XYZ(15.2178, 18.2751, 24.0450)
contains.

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Color

**XYZ(15.2681, 18.2844,
24.1972)**

Conversions

Conversions Part 1

Format	Color
Hex	567D83
RGB	86, 125, 131
RGB Percent	34%, 49%, 51%
CMY	0.6627, 0.5098, 0.4863
CMYK	0.34, 0.05, 0.00, 0.49
HSL	188°, 21%, 43%
HSV	188°, 34%, 51%
XYZ	15.2681, 18.2844, 24.1972
YIQ	114.0230, -25.1700, -6.4020

Conversions

Conversions Part 2

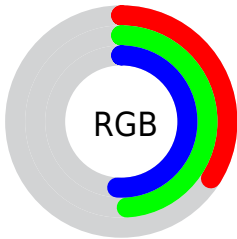
Format	Color
R_{YB}	86, 107, 131
Decimal	5668227
CIE _{Lab}	49.84, -11.99, -7.63
CIE _{LCh}	50, 14.209, 212.465
Yxy	18.2844, 0.2644, 0.3166
Android (android.graphics.Color)	4283858307 (0xFF567D83)
YUV	114.0230, 8.3697, -24.5762
Hunter-Lab	42.7603, -11.0947, -3.6189

Details

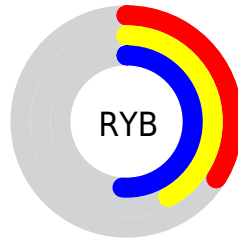
The XYZ color **15.2681, 18.2844, 24.1972** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.8671, 13.1515, 10.5594**, and the grayscale version is **15.9827, 16.8150, 18.3115**.

A 20% lighter version of the original color is **34.8887, 40.6198, 51.3490**, and **4.8704, 6.1714, 8.9171** is the 20% darker color. If you saturate the color by 10%, you get **13.9518, 17.2810, 24.0732**, and if you desaturate by 10%, it is **16.8105, 19.4110, 24.3337**.

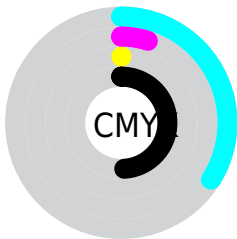
Distribution



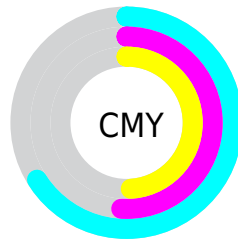
- Red (34%)
- Green (49%)
- Blue (51%)



- Red (34%)
- Yellow (42%)
- Blue (51%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (66%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2681, 18.2844, 24.1972 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 15.2681, 18.2844, 24.1972 by changing the saturation by 10% instead.

■ 15.2681, 18.2844,
24.1972

■ 15.2681, 18.2844,
24.1972

■ 218.3396,
242.4692, 287.1345

■ 9.0953, 11.1544,
15.2664

■ 34.8906, 40.5213,
51.2997

■ 4.8610, 6.1708,
8.8579

■ 49.0711, 56.3970,
70.3084

■ 2.1999, 2.9492,
4.5531

■ 66.6514, 75.9567,
93.5136

■ 0.7427, 1.1053,
1.9334

■ 87.9971, 99.5849,
121.3337

■ 0.0000, 0.0000,
0.5139

■ 113.4734,
127.6658, 154.1874

■ 0.0000, 0.0000,
0.0000

143.4457,

160.5839, 192.4930

178.2793,
198.7235, 236.6692

■ 15.2681, 18.2844,
24.1972

■ 15.2681, 18.2844,
24.1972

■ 13.9518, 17.2810,
24.0732

■ 16.8105, 19.4110,
24.3337

■ 12.8479, 16.3923,
23.9599

■ 18.5885, 20.6645,
24.4819

■ 11.9435, 15.6123,
23.8570

■ 20.6131, 22.0509,
24.6428

■ 11.2240, 14.9332,
23.7638

■ 22.8942, 23.5754,
24.8168

■ 10.6724, 14.3463,
23.6796

■ 25.4410, 25.2428,
25.0044

■ 10.2662, 13.8400,
23.6033

■ 28.2623, 27.0575,
25.2060

■ 10.0622, 13.5696,
23.5618

■ 31.3664, 29.0241,
25.4220

■ 34.7615, 31.1466,
25.6527

■ 38.4553, 33.4290,
25.8986

Harmonies

Analogous

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



14.8991, 18.2844, 20.2319



15.2681, 18.2844, 24.1972



16.1998, 18.2844, 27.3006

Triad

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



15.2681, 18.2844, 24.1972



19.7977, 18.2844, 23.5684



17.2667, 18.2844, 13.3348

Complementary

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



15.2681, 18.2844, 24.1972



14.8671, 13.1515, 10.5594

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.



18.6137, 18.2844, 13.9881



15.2681, 18.2844, 24.1972



20.1193, 18.2844, 19.5888

Square

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



15.2681, 18.2844, 24.1972



18.8180, 18.2844, 26.9057



19.6755, 18.2844, 16.1593



16.0149, 18.2844, 14.2438

Rectangle

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



15.2681, 18.2844, 24.1972



17.0387, 18.2844, 28.2776



19.6755, 18.2844, 16.1593



17.7233, 18.2844, 13.3789

Sweetspot

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



15.2686, 18.2851, 24.1976



34.7267, 37.9987, 43.9574



13.8535, 18.9710, 12.8862



7.9853, 8.7783, 10.2262



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.



15.2686, 18.2851, 24.1976



25.5157, 31.3592, 43.1613



12.8100, 13.3678, 23.3781



4.7501, 5.1759, 5.9494



9.9060, 13.3598, 23.1933



0.0380, 0.0536, 0.0816

Inverse Universe

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



16.3900, 12.9620, 21.0410



27.8747, 20.5013, 36.4438



17.0293, 17.4758, 11.2801



4.8319, 4.7524, 5.7271



12.1782, 5.9356, 16.0426



0.0440, 0.0213, 0.0653

Previews

White Background



This preview shows how the XYZ color 15.2681, 18.2844, 24.1972 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 15.2681, 18.2844, 24.1972 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 15.2681, 18.2844, 24.1972

Background



This preview shows how black text looks on a background with the XYZ color 15.2681, 18.2844, 24.1972.



This preview shows how white text looks on a background with the XYZ color 15.2681, 18.2844,

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

15.2681, 18.2844, 24.1972

Protanopia

17.5984, 18.0805, 22.3010

Deuteranopia

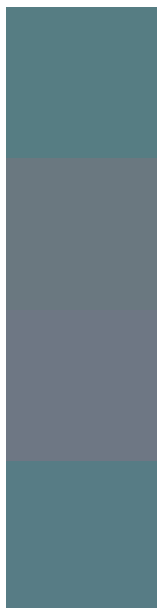
18.5328, 18.1659, 24.7199



Tritanopia

15.4412, 18.1628, 25.2462

Trichromacy



Original Color

15.2681, 18.2844, 24.1972

Protanomaly

16.5566, 18.0556, 23.0345

Deuteranomaly

17.1921, 18.1746, 24.4317

Tritanomaly

15.3718, 18.1350, 24.8805

Monochromacy



Original Color

15.2681, 18.2844, 24.1972

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5775, 17.2560, 20.2790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2681, 18.2844, 24.1972 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(86, 125, 131) looks like.

```
.text, #text, p{  
    color:rgb(86, 125, 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(86, 125, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 125, 131) }
```

Border

The CSS property to change the border of an element to XYZ 15.2681, 18.2844, 24.1972 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(86, 125, 131) }
```


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

```
.border{ border-color:rgb(86, 125, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 125, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 125, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 125, 131);  
box-shadow:4px 4px 4px 4px rgb(86, 125,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2681, 18.2844, 24.1972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 125, 131) }
```

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

```
.background{ background-color: rgb(86, 125,  
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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