

Converting Colors

XYZ(14.2577, 18.7326, 24.3229)

Have a look what the booklet for
XYZ(14.2577, 18.7326, 24.3229)
contains.

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Color

**XYZ(14.2593, 18.7278,
24.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	418283
RGB	65, 130, 131
RGB Percent	25%, 51%, 51%
CMY	0.7451, 0.4902, 0.4863
CMYK	0.50, 0.01, 0.00, 0.49
HSL	181°, 34%, 38%
HSV	181°, 50%, 51%
XYZ	14.2593, 18.7278, 24.3360
YIQ	110.6790, -39.0610, -13.4690

Conversions

Conversions Part 2

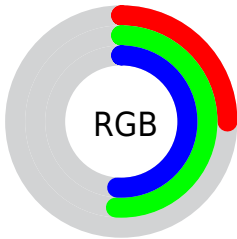
Format	Color
R_{YB}	65, 98, 131
Decimal	4293251
CIE _{Lab}	50.37, -20.39, -6.95
CIE _{LCh}	50, 21.538, 198.819
Yxy	18.7278, 0.2488, 0.3267
Android (android.graphics.Color)	4282483331 (0xFF418283)
YUV	110.6790, 10.0183, -40.0605
Hunter-Lab	43.2756, -16.9167, -3.0487

Details

The XYZ color **14.2593, 18.7278, 24.3360** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **12.2626, 9.1035, 6.1122**, and the grayscale version is **14.9970, 15.7780, 17.1822**.

A 20% lighter version of the original color is **33.0564, 41.1792, 51.5535**, and **4.3917, 6.3465, 8.9762** is the 20% darker color. If you saturate the color by 10%, you get **13.4645, 18.2794, 24.2917**, and if you desaturate by 10%, it is **15.2564, 19.2814, 24.3906**.

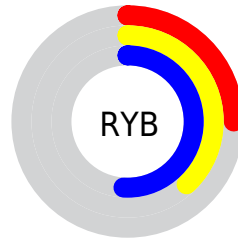
Distribution



Red (25%)

Green (51%)

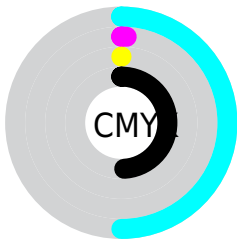
Blue (51%)



Red (25%)

Yellow (38%)

Blue (51%)

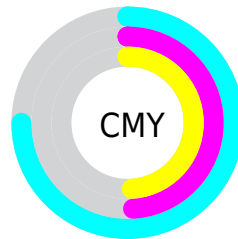


Cyan (50%)

Magenta (1%)

Yellow (0%)

Black (49%)



Cyan (75%)

Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2593, 18.7278, 24.3360 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 14.2593, 18.7278, 24.3360 by changing the saturation by 10% instead.

■ 14.2593, 18.7278,
24.3360

■ 14.2593, 18.7278,
24.3360

212.3165,
244.9419, 287.8559

■ 8.3841, 11.4738,
15.3686

■ 33.1308, 41.2736,
51.5286

■ 4.3956, 6.3864,
8.9290

■ 46.8579, 57.3342,
70.5909

■ 1.9283, 3.0815,
4.5987

■ 63.9331, 77.0991,
93.8552

■ 0.5932, 1.1744,
1.9592

■ 84.7216, 100.9527,
121.7400

■ 0.0000, 0.0407,
0.5300

■ 109.5888,
129.2794, 154.6640

■ 0.0000, 0.0000,
0.0000

138.9002,

162.4635, 193.0456

173.0209,
200.8896, 237.3034

■ 14.2593, 18.7278,
24.3360

■ 14.2593, 18.7278,
24.3360

■ 13.4645, 18.2794,
24.2917

■ 15.2564, 19.2814,
24.3906

■ 12.8563, 17.9269,
24.2557

■ 16.4669, 19.9447,
24.4549

■ 12.4193, 17.6626,
24.2277

■ 17.9031, 20.7244,
24.5297

■ 12.1349, 17.4771,
24.2069

■ 19.5759, 21.6262,
24.6156

■ 11.9496, 17.3443,
24.1910

■ 21.4954, 22.6552,
24.7130

■ 23.6711, 23.8164,
24.8225

■ 26.1122, 25.1144,
24.9444

■ 28.8272, 26.5538,
25.0791

■ 31.8244, 28.1386,
25.2270

Harmonies

Analogous

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



14.1401, 18.7278, 18.2391



14.2593, 18.7278, 24.3360



15.2820, 18.7278, 30.3436

Triad

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



14.2593, 18.7278, 24.3360



21.0010, 18.7278, 28.9516



18.5913, 18.7278, 11.0527

Complementary

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



14.2593, 18.7278, 24.3360



12.2626, 9.1035, 6.1122

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.



20.5809, 18.7278, 12.8947



14.2593, 18.7278, 24.3360



22.0430, 18.7278, 22.7066

Square

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



14.2593, 18.7278, 24.3360



19.1290, 18.7278, 33.3478



21.8836, 18.7278, 16.8979



16.5345, 18.7278, 11.3187

Rectangle

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



14.2593, 18.7278, 24.3360



16.3867, 18.7278, 33.1230



21.8836, 18.7278, 16.8979



19.2928, 18.7278, 11.4287

Sweetspot

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



14.2599, 18.7285, 24.3364



33.5142, 37.8976, 44.0017



11.2507, 17.7384, 7.8322



7.6784, 8.7563, 10.2381



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.



14.2599, 18.7285, 24.3364



23.9878, 32.6632, 43.4935



10.6447, 11.4982, 23.1314



4.7957, 5.2671, 5.9646



11.7626, 17.0730, 23.8122



0.0412, 0.0601, 0.0827

Inverse Universe

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



15.2801, 10.2180, 22.2869



26.0392, 15.6924, 39.3401



14.6822, 13.9427, 6.9187



4.8549, 4.7617, 5.8484



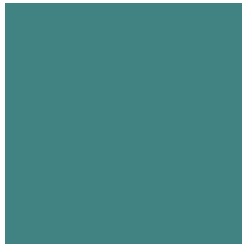
13.1153, 6.3105, 20.9774



0.0457, 0.0220, 0.0739

Previews

White Background



This preview shows how the XYZ color 14.2593, 18.7278, 24.3360 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 14.2593, 18.7278, 24.3360 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 14.2593, 18.7278, 24.3360

Background



This preview shows how black text looks on a background with the XYZ color 14.2593, 18.7278, 24.3360.



This preview shows how white text looks on a background with the XYZ color 14.2593, 18.7278,

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

14.2593, 18.7278, 24.3360

Protanopia

17.9806, 18.6420, 21.7194

Deuteranopia

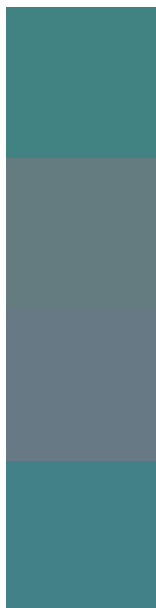
18.8606, 18.4971, 25.1305



Tritanopia

14.8944, 18.7935, 27.2686

Trichromacy



Original Color

14.2593, 18.7278, 24.3360

Protanomaly

16.1693, 18.4075, 22.7795

Deuteranomaly

16.6645, 18.2518, 24.8349

Tritanomaly

14.6089, 18.6714, 26.1265

Monochromacy



Original Color

14.2593, 18.7278, 24.3360

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.3645, 16.6446, 19.5952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2593, 18.7278, 24.3360 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(65, 130, 131)` looks like.

```
.text, #text, p{  
    color:rgb(65, 130, 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(65, 130, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 130, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.2593, 18.7278, 24.3360 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(65, 130, 131) }
```


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

```
.border{ border-color:rgb(65, 130, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 130, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 130, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 130, 131);  
box-shadow:4px 4px 4px 4px rgb(65, 130,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2593, 18.7278, 24.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 130, 131) }
```

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

```
.background{ background-color: rgb(65, 130,  
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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