

Converting Colors

XYZ(13.9765, 18.5748, 30.1025)

Have a look what the booklet for
XYZ(13.9765, 18.5748, 30.1025)
contains.

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Color

**XYZ(14.0322, 18.6830,
30.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	248392
RGB	36, 131, 146
RGB Percent	14%, 51%, 57%
CMY	0.8588, 0.4863, 0.4274
CMYK	0.75, 0.10, 0.00, 0.43
HSL	188°, 60%, 36%
HSV	188°, 75%, 57%
XYZ	14.0322, 18.6830, 30.0607
YIQ	104.3050, -61.4350, -15.4750

Conversions

Conversions Part 2

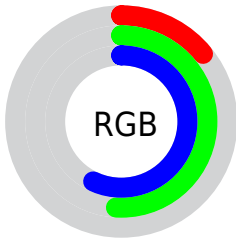
Format	Color
R_{YB}	36, 87, 146
Decimal	2392978
CIE _{Lab}	50.31, -21.58, -15.89
CIE _{LCh}	50, 26.799, 216.378
Yxy	18.6830, 0.2235, 0.2976
Android (android.graphics.Color)	4280583058 (0xFF248392)
YUV	104.3050, 20.5556, -59.9035
Hunter-Lab	43.2238, -17.6934, -10.9775

Details

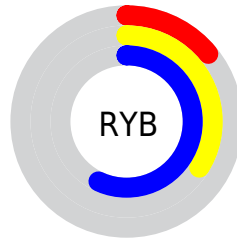
The XYZ color **14.0322, 18.6830, 30.0607** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.3570, 8.6069, 2.6271**, and the grayscale version is **13.1992, 13.8865, 15.1224**.

A 20% lighter version of the original color is **32.7114, 41.1038, 60.8533**, and **5.0080, 6.7111, 11.8579** is the 20% darker color. If you saturate the color by 10%, you get **13.3581, 17.9427, 29.9537**, and if you desaturate by 10%, it is **14.9205, 19.5421, 30.1801**.

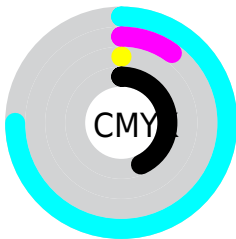
Distribution



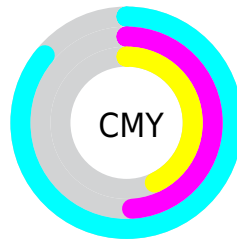
- Red (14%)
- Green (51%)
- Blue (57%)



- Red (14%)
- Yellow (34%)
- Blue (57%)



- Cyan (75%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)



- Cyan (86%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0322, 18.6830, 30.0607 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 14.0322, 18.6830, 30.0607 by changing the saturation by 10% instead.

■ 14.0322, 18.6830,
30.0607

■ 14.0322, 18.6830,
30.0607

210.9377,
244.6931, 316.4034

■ 8.2249, 11.4414,
19.6322

■ 32.7319, 41.1978,
60.8203

■ 4.2922, 6.3646,
11.9466

■ 46.3551, 57.2397,
81.9885

■ 1.8687, 3.0680,
6.5852

■ 63.3143, 76.9840,
107.5737

■ 0.5586, 1.1673,
3.1296

■ 83.9748, 100.8149,
137.9944

■ 0.0000, 0.0348,
1.1612

■ 108.7021,
129.1169, 173.6692

■ 0.0000, 0.0000,
0.0000

■ 137.8614,

162.2743, 215.0166

171.8181,
200.6716, 262.4552

■ 14.0322, 18.6830,
30.0607

■ 14.0322, 18.6830,
30.0607

■ 13.3581, 17.9427,
29.9537

■ 14.9205, 19.5421,
30.1801

■ 12.8656, 17.3032,
29.8562

■ 16.0439, 20.5297,
30.3115

■ 12.6609, 17.0205,
29.8124

■ 17.4226, 21.6567,
30.4563

■ 19.0742, 22.9320,
30.6155

■ 21.0147, 24.3641,
30.7896

■ 23.2588, 25.9606,
30.9795

■ 25.8203, 27.7285,
31.1857

■ 28.7121, 29.6746,
31.4089

■ 31.9463, 31.8052,
31.6497

Harmonies

Analogous

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



13.2420, 18.6830, 21.9733



14.0322, 18.6830, 30.0607



15.8305, 18.6830, 36.4643

Triad

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



14.0322, 18.6830, 30.0607



22.7381, 18.6830, 26.6297



17.2086, 18.6830, 9.1811

Complementary

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



14.0322, 18.6830, 30.0607



13.3570, 8.6069, 2.6271

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.



19.8352, 18.6830, 9.8498



14.0322, 18.6830, 30.0607



23.1983, 18.6830, 18.7947

Square

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



14.0322, 18.6830, 30.0607



20.8878, 18.6830, 34.1696



22.0902, 18.6830, 12.9834



14.9569, 18.6830, 10.8624

Rectangle

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



14.0322, 18.6830, 30.0607



17.4439, 18.6830, 38.2183



22.0902, 18.6830, 12.9834



18.0751, 18.6830, 9.1458

Sweetspot

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



14.0328, 18.6837, 30.0612



37.7711, 43.4850, 54.3763



11.5973, 21.1694, 6.5694



8.1348, 9.4800, 12.0733



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.0328, 18.6837, 30.0612



22.9718, 30.9042, 52.7279



8.5241, 7.6664, 28.2249



5.8974, 6.4288, 7.3998



11.1534, 15.0015, 26.2388



0.1515, 0.2136, 0.3261

Inverse Universe

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



16.5822, 9.0121, 22.3389



27.9835, 13.9782, 37.0793



17.2929, 16.4788, 3.9391



6.0017, 5.8957, 7.1148



13.7568, 6.7078, 17.9981



0.1759, 0.0851, 0.2601

Previews

White Background



This preview shows how the XYZ color 14.0322, 18.6830, 30.0607 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 14.0322, 18.6830, 30.0607 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 14.0322, 18.6830, 30.0607

Background



This preview shows how black text looks on a background with the XYZ color 14.0322, 18.6830, 30.0607.

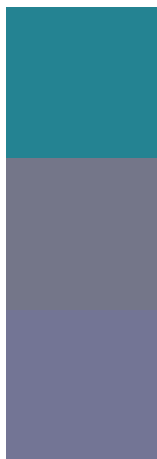


This preview shows how white text looks on a background with the XYZ color 14.0322, 18.6830,

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

14.0322, 18.6830, 30.0607

Protanopia

18.1962, 18.4760, 26.2741

Deuteranopia

18.8563, 18.5373, 31.0180



Tritanopia

13.7609, 18.7789, 28.4906

Trichromacy



Original Color

14.0322, 18.6830, 30.0607

Protanomaly

15.7471, 18.0856, 27.4719

Deuteranomaly

16.1426, 18.0356, 30.6474

Tritanomaly

13.8689, 18.8258, 28.8894

Monochromacy



Original Color

14.0322, 18.6830, 30.0607

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.5715, 15.0288, 19.6910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0322, 18.6830, 30.0607 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(36, 131, 146)` looks like.

```
.text, #text, p{  
    color:rgb(36, 131, 146)  
}
```

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(36, 131, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 131, 146) }
```

Border

The CSS property to change the border of an element to XYZ 14.0322, 18.6830, 30.0607 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(36, 131, 146) }
```


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

```
.border{ border-color:rgb(36, 131, 146) }
```

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

Here you see how a box with a 4 pixel rgb(36, 131, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 131, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 131, 146);  
box-shadow:4px 4px 4px 4px rgb(36, 131,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0322, 18.6830, 30.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 131, 146) }
```

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

```
.background{ background-color: rgb(36, 131,  
146) }
```

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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