

Converting Colors

XYZ(30.1607, 30.4092, 64.6015)

Have a look what the booklet for
XYZ(30.1607, 30.4092, 64.6015)
contains.

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Color

**XYZ(30.1607, 30.4092,
64.6015)**

Conversions

Conversions Part 1

Format	Color
Hex	7896D1
RGB	120, 150, 209
RGB Percent	47%, 59%, 82%
CMY	0.5294, 0.4118, 0.1804
CMYK	0.43, 0.28, 0.00, 0.18
HSL	220°, 49%, 65%
HSV	220°, 43%, 82%
XYZ	30.1607, 30.4092, 64.6015
YIQ	147.7560, -36.8190, 11.9890

Conversions

Conversions Part 2

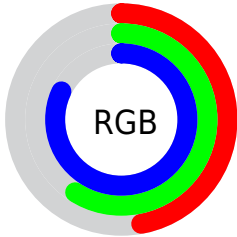
Format	Color
R _Y B	120, 142, 209
Decimal	7902929
CIE Lab	62.01, 4.81, -33.56
CIE LCh	62, 33.907, 278.152
Yxy	30.4092, 0.2410, 0.2429
Android (android.graphics.Color)	4286093009 (0xFF7896D1)
YUV	147.7560, 30.1933, -24.3420
Hunter-Lab	55.1445, 1.1257, -30.8567

Details

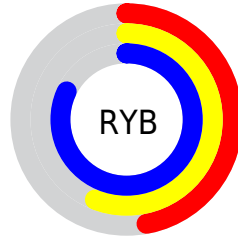
The XYZ color **30.1607, 30.4092, 64.6015** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **45.8057, 47.1528, 24.4578**, and the grayscale version is **27.9369, 29.3918, 32.0077**.

A 20% lighter version of the original color is **57.3221, 59.5197, 103.0750**, and **12.5413, 12.4150, 32.3072** is the 20% darker color. If you saturate the color by 10%, you get **25.4906, 24.9118, 63.7871**, and if you desaturate by 10%, it is **35.7269, 36.7578, 65.5341**.

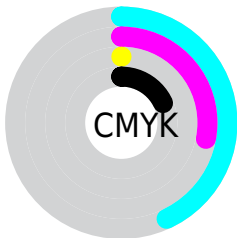
Distribution



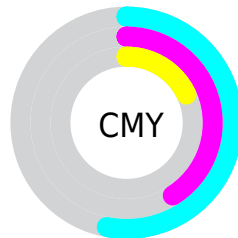
- Red (47%)
- Green (59%)
- Blue (82%)



- Red (47%)
- Yellow (56%)
- Blue (82%)



- Cyan (43%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1607, 30.4092, 64.6015 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 30.1607, 30.4092, 64.6015 by changing the saturation by 10% instead.

■ 30.1607, 30.4092,
64.6015

■ 30.1607, 30.4092,
64.6015

294.5492,
303.8072, 459.6255

■ 20.1093, 20.1494,
46.6887

■ 59.3011, 60.3087,
113.0845

■ 12.5832, 12.5037,
32.4371

■ 79.1208, 80.7172,
144.4919

■ 7.2172, 7.0877,
21.4280

■ 102.9273,
105.2774, 181.2345

■ 3.6458, 3.5170,
13.2429

131.0859,
134.3736, 223.7309

■ 1.5038, 1.4072,
7.4633

163.9621,
168.3903, 272.3997

■ 0.3284, 0.2220,
3.6707

201.9211,

■ 0.0000, 0.0000,

207.7119, 327.6593

1.4465

245.3284,
252.7227, 389.9284

■ 0.0000, 0.0000,
0.1776

■ 0.0000, 0.0000,
0.0000

■ 30.1607, 30.4092,
64.6015

■ 30.1607, 30.4092,
64.6015

■ 25.4906, 24.9118,
63.7871

■ 35.7269, 36.7578,
65.5341

■ 21.6628, 20.2227,
63.0838

■ 42.2326, 43.9910,
66.5874

■ 18.6222, 16.2998,
62.4868

■ 49.7218, 52.1444,
67.7664

■ 16.3051, 13.0951,
61.9904

■ 58.2350, 61.2505,
69.0754

■ 14.6362, 10.5536,
61.5878

■ 67.8100, 71.3400,
70.5182

■ 13.7271, 9.0401,
61.3436

■ 78.4830, 82.4424,
72.0986

■ 86.0061, 92.3783,
73.6199

■ 88.5087, 97.3835,
74.4541

Harmonies

Analogous

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



25.7695, 30.4092, 62.2178



30.1607, 30.4092, 64.6015



34.6482, 30.4092, 56.9659

Triad

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



30.1607, 30.4092, 64.6015



36.3390, 30.4092, 19.9247



21.5229, 30.4092, 24.6378

Complementary

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



30.1607, 30.4092, 64.6015



45.8057, 47.1528, 24.4578

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.



23.8309, 30.4092, 17.0636



30.1607, 30.4092, 64.6015



32.2809, 30.4092, 14.8814

Square

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



30.1607, 30.4092, 64.6015



38.4517, 30.4092, 29.6850



27.6808, 30.4092, 13.9927



21.0825, 30.4092, 36.7897

Rectangle

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



30.1607, 30.4092, 64.6015



36.9852, 30.4092, 48.1608



27.6808, 30.4092, 13.9927



22.0934, 30.4092, 21.5760

Sweetspot

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



30.1618, 30.4103, 64.6022



77.2740, 81.0173, 106.1729



38.5680, 52.8031, 50.2009



15.9535, 16.7067, 22.6338



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.1618, 30.4103, 64.6022



40.6484, 39.8727, 100.1615



27.9545, 23.0528, 63.2984



11.4847, 12.0597, 14.9661



8.5457, 5.7379, 37.8496



0.5505, 0.4662, 2.1405

Inverse Universe

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



38.5169, 29.1914, 32.4597



55.7087, 38.7711, 41.9785



48.8654, 58.6466, 26.5150



11.9708, 11.8731, 13.1220



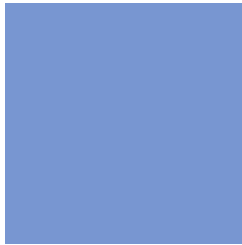
16.9442, 8.6505, 4.6123



0.9841, 0.4984, 0.4510

Previews

White Background



This preview shows how the XYZ color 30.1607, 30.4092, 64.6015 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.1607, 30.4092, 64.6015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

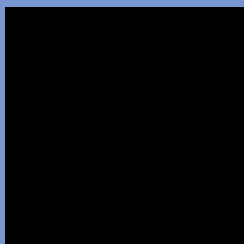
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

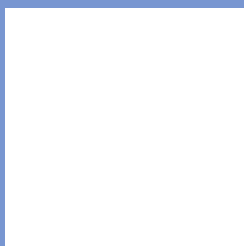
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1607, 30.4092, 64.6015

Background



This preview shows how black text looks on a background with the XYZ color 30.1607, 30.4092, 64.6015.



This preview shows how white text looks on a background with the XYZ color 30.1607, 30.4092,

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

30.1607, 30.4092, 64.6015

Protanopia

31.2119, 30.2780, 63.2307

Deuteranopia

31.1518, 30.4504, 64.5572



Tritanopia

25.7431, 30.3312, 42.5279

Trichromacy



Original Color

30.1607, 30.4092, 64.6015

Protanomaly

30.8772, 30.3231, 63.9000

Deuteranomaly

30.8603, 30.5340, 64.5887

Tritanomaly

27.1468, 30.1493, 49.7360

Monochromacy



Original Color

30.1607, 30.4092, 64.6015

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4844, 29.8004, 42.2810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1607, 30.4092, 64.6015 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(120, 150, 209)` looks like.

```
.text, #text, p{  
    color:rgb(120, 150, 209)  
}
```

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(120, 150, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 150, 209) }
```

Border

The CSS property to change the border of an element to XYZ 30.1607, 30.4092, 64.6015 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(120, 150, 209) }
```


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

```
.border{ border-color:rgb(120, 150, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 150, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 150, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 150, 209);  
box-shadow:4px 4px 4px 4px rgb(120, 150,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1607, 30.4092, 64.6015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 150, 209) }
```

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

```
.background{ background-color: rgb(120,  
150, 209) }
```

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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