

Converting Colors

XYZ(17.3604, 18.6994, 29.0799)

Have a look what the booklet for
XYZ(17.3604, 18.6994, 29.0799)
contains.

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Color

**XYZ(17.3604, 18.6994,
29.0799)**

Conversions

Conversions Part 1

Format	Color
Hex	657A90
RGB	101, 122, 144
RGB Percent	40%, 48%, 56%
CMY	0.6039, 0.5216, 0.4353
CMYK	0.30, 0.15, 0.00, 0.44
HSL	211°, 18%, 48%
HSV	211°, 30%, 56%
XYZ	17.3604, 18.6994, 29.0799
YIQ	118.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

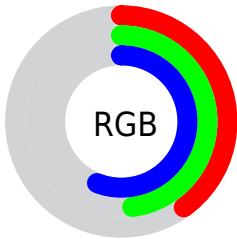
Format	Color
R_{YB}	101, 115, 144
Decimal	6650512
CIE _{Lab}	50.33, -2.23, -14.43
CIE _{LCh}	50, 14.601, 261.210
Y _{xy}	18.6994, 0.2665, 0.2871
Android (android.graphics.Color)	4284840592 (0xFF657A90)
YUV	118.2290, 12.7051, -15.1098
Hunter-Lab	43.2428, -4.0137, -9.6013

Details

The XYZ color **17.3604, 18.6994, 29.0799** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.9338, 21.0349, 15.2692**, and the grayscale version is **17.2579, 18.1567, 19.7726**.

A 20% lighter version of the original color is **38.4660, 41.1216, 59.3360**, and **5.8191, 6.3033, 11.4996** is the 20% darker color. If you saturate the color by 10%, you get **15.0167, 16.1993, 28.7212**, and if you desaturate by 10%, it is **20.0563, 21.4839, 29.4756**.

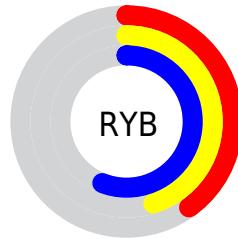
Distribution



Red (40%)

Green (48%)

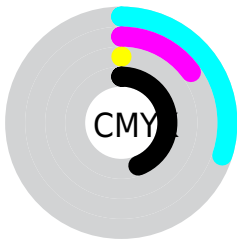
Blue (56%)



Red (40%)

Yellow (45%)

Blue (56%)

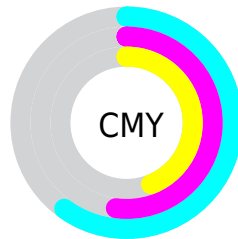


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (52%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3604, 18.6994, 29.0799 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 17.3604, 18.6994, 29.0799 by changing the saturation by 10% instead.

■ 17.3604, 18.6994,
29.0799

■ 17.3604, 18.6994,
29.0799

230.3568,
244.7842, 311.6645

■ 10.5887, 11.4533,
18.8952

■ 38.4831, 41.2255,
59.2477

■ 5.8562, 6.3726,
11.4185

■ 53.5648, 57.2743,
80.0679

■ 2.7977, 3.0729,
6.2314

■ 72.1471, 77.0261,
105.2703

■ 1.0477, 1.1699,
2.9152

■ 94.5955, 100.8654,
135.2734

■ 0.0000, 0.0369,
1.0515

121.2753,
129.1764, 170.4959

■ 0.0000, 0.0000,
0.0000

152.5519,

162.3436, 211.3562

188.7906,
200.7514, 258.2729

■ 17.3604, 18.6994,
29.0799

■ 17.3604, 18.6994,
29.0799

■ 15.0167, 16.1993,
28.7212

■ 20.0563, 21.4839,
29.4756

■ 13.0074, 13.9706,
28.3969

■ 23.1180, 24.5604,
29.9080

■ 11.3152, 12.0027,
28.1062

■ 26.5600, 27.9391,
30.3788

■ 9.9209, 10.2831,
27.8478

■ 30.3959, 31.6290,
30.8888

■ 8.8025, 8.7982,
27.6201

■ 34.6385, 35.6387,
31.4392

■ 7.9349, 7.5323,
27.4215

■ 39.2997, 39.9763,
32.0307

■ 7.2540, 6.4496,
27.2484

■ 44.3913, 44.6497,
32.6644

■ 7.2450, 6.4354,
27.2462

■ 49.9244, 49.6664,
33.3411

■ 55.9097, 55.0339,
34.0617

Harmonies

Analogous

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



16.1215, 18.6994, 27.0634



17.3604, 18.6994, 29.0799



18.7766, 18.6994, 28.5296

Triad

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



17.3604, 18.6994, 29.0799



20.4343, 18.6994, 17.6675



15.7343, 18.6994, 15.8557

Complementary

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



17.3604, 18.6994, 29.0799



20.9338, 21.0349, 15.2692

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.



16.8062, 18.6994, 13.9217



17.3604, 18.6994, 29.0799



19.5341, 18.6994, 14.8672

Square

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



17.3604, 18.6994, 29.0799



20.6021, 18.6994, 21.5754



18.1925, 18.6994, 13.5856



15.2159, 18.6994, 19.1920

Rectangle

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



17.3604, 18.6994, 29.0799



19.6281, 18.6994, 26.8082



18.1925, 18.6994, 13.5856



16.0390, 18.6994, 15.0395

Sweetspot

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



17.3610, 18.7001, 29.0803



41.1630, 43.7040, 52.8042



18.8844, 24.1312, 22.2381



9.2655, 9.8494, 12.0850



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.



17.3610, 18.7001, 29.0803



27.7118, 29.8960, 50.8480



15.0550, 14.0882, 28.3117



5.3334, 5.6625, 6.8406



6.3324, 5.6508, 23.7340



0.0825, 0.0979, 0.2342

Inverse Universe

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



19.6686, 16.6423, 20.5888



32.5557, 25.9465, 32.9404



23.8242, 26.8157, 16.2327



5.5117, 5.4652, 6.1929



10.9994, 5.5568, 5.6482



0.1162, 0.0576, 0.1123

Previews

White Background



This preview shows how the XYZ color 17.3604, 18.6994, 29.0799 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 17.3604, 18.6994, 29.0799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

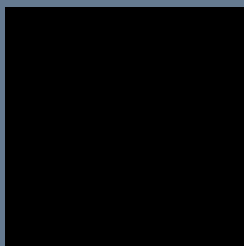
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

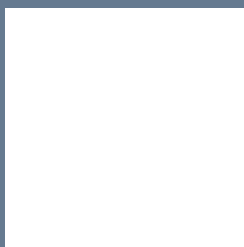
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3604, 18.6994, 29.0799

Background



This preview shows how black text looks on a background with the XYZ color 17.3604, 18.6994, 29.0799.

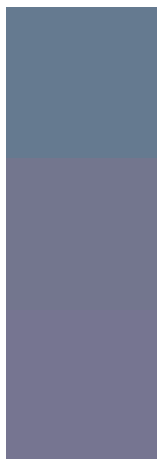


This preview shows how white text looks on a background with the XYZ color 17.3604, 18.6994,

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

17.3604, 18.6994, 29.0799

Protanopia

18.4311, 18.5547, 28.2012

Deuteranopia

18.9433, 18.6185, 29.3834



Tritanopia

16.6563, 18.7892, 25.3030

Trichromacy



Original Color

17.3604, 18.6994, 29.0799

Protanomaly

17.9852, 18.4918, 28.6080

Deuteranomaly

18.3898, 18.6827, 29.4249

Tritanomaly

16.9259, 18.7102, 26.7641

Monochromacy



Original Color

17.3604, 18.6994, 29.0799

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1097, 18.1707, 22.6842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3604, 18.6994, 29.0799 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(101, 122, 144)` looks like.

```
.text, #text, p{  
    color:rgb(101, 122, 144)  
}
```

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(101, 122, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 122, 144) }
```

Border

The CSS property to change the border of an element to XYZ 17.3604, 18.6994, 29.0799 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(101, 122, 144) }
```


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

```
.border{ border-color:rgb(101, 122, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 122, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 122, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 122, 144);  
box-shadow:4px 4px 4px 4px rgb(101, 122,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3604, 18.6994, 29.0799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 122, 144) }
```

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

```
.background{ background-color: rgb(101,  
122, 144) }
```

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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