

Converting Colors

XYZ(17.6272, 14.0060, 31.3435)

Have a look what the booklet for
XYZ(17.6272, 14.0060, 31.3435)
contains.

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Color

**XYZ(17.5770, 13.9601,
31.4739)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5B98
RGB	123, 91, 152
RGB Percent	48%, 36%, 60%
CMY	0.5176, 0.6431, 0.4039
CMYK	0.19, 0.40, 0.00, 0.40
HSL	271°, 25%, 48%
HSV	271°, 40%, 60%
XYZ	17.5770, 13.9601, 31.4739
YIQ	107.5220, -0.5090, 25.7550

Conversions

Conversions Part 2

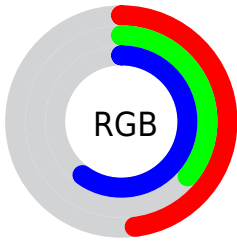
Format	Color
R_{YB}	123, 91, 152
Decimal	8084376
CIE _{Lab}	44.18, 25.49, -28.49
CIE _{LCh}	44, 38.225, 311.818
Yxy	13.9601, 0.2790, 0.2216
Android (android.graphics.Color)	4286274456 (0xFF7B5B98)
YUV	107.5220, 21.9277, 13.5742
Hunter-Lab	37.3632, 18.5872, -23.7903

Details

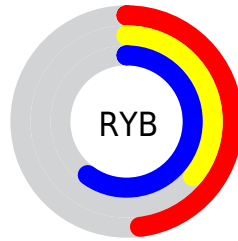
The XYZ color **17.5770, 13.9601, 31.4739** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.8625, 27.2051, 14.0496**, and the grayscale version is **14.0616, 14.7939, 16.1105**.

A 20% lighter version of the original color is **39.0669, 33.1981, 63.3803**, and **5.9973, 4.1574, 12.7983** is the 20% darker color. If you saturate the color by 10%, you get **15.4111, 11.1063, 31.0375**, and if you desaturate by 10%, it is **20.0834, 17.3807, 32.0023**.

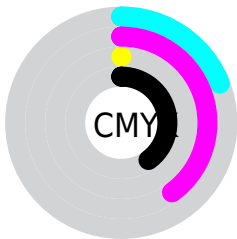
Distribution



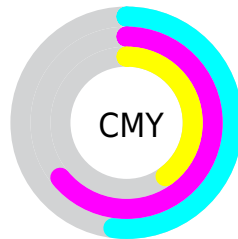
- Red (48%)
- Green (36%)
- Blue (60%)



- Red (48%)
- Yellow (36%)
- Blue (60%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5770, 13.9601, 31.4739 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 17.5770, 13.9601, 31.4739 by changing the saturation by 10% instead.

■ 17.5770, 13.9601,
31.4739

■ 17.5770, 13.9601,
31.4739

231.5679,
216.9825, 323.1342

■ 10.7446, 8.0929,
20.6985

■ 38.8510, 33.0182,
63.0737

■ 5.9614, 4.1545,
12.7147

■ 54.0232, 46.9779,
84.7352

■ 2.8620, 1.7603,
7.1040

■ 72.7061, 64.4040,
110.8624

■ 1.0812, 0.4623,
3.4478

■ 95.2650, 85.6807,
141.8740

■ 0.0093, 0.0000,
1.3276

■ 122.0653,
111.1925, 178.1884

■ 0.0000, 0.0000,
0.0842

153.4723,

■ 0.0000, 0.0000,

141.3238, 220.2242

0.0000

189.8514,
176.4590, 268.4000

■ 17.5770, 13.9601,
31.4739

■ 17.5770, 13.9601,
31.4739

■ 15.4111, 11.1063,
31.0375

■ 20.0834, 17.3807,
32.0023

■ 13.5666, 8.7849,
30.6866

■ 22.9450, 21.3966,
32.6266

■ 12.0245, 6.9601,
30.4156

■ 26.1776, 26.0362,
33.3518

■ 10.7631, 5.5907,
30.2178

■ 29.7951, 31.3257,
34.1821

■ 9.7569, 4.6288,
30.0852

■ 33.8110, 37.2898,
35.1216

■ 8.9539, 3.9612,
29.9986

■ 38.2381, 43.9517,
36.1741

■ 43.0884, 51.3336,
37.3433

■ 48.3736, 59.4567,
38.6327

■ 54.1047, 68.3413,
40.0455

Harmonies

Analogous

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



14.5067, 13.9601, 38.2878



17.5770, 13.9601, 31.4739



19.6588, 13.9601, 21.0685

Triad

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



17.5770, 13.9601, 31.4739



15.1847, 13.9601, 4.1737



8.3151, 13.9601, 18.9070

Complementary

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



17.5770, 13.9601, 31.4739



20.8625, 27.2051, 14.0496

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.



8.4392, 13.9601, 10.5373



17.5770, 13.9601, 31.4739



12.1032, 13.9601, 3.9730

Square

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



17.5770, 13.9601, 31.4739



18.1384, 13.9601, 6.5247



9.7290, 13.9601, 5.8025



9.3593, 13.9601, 29.3793

Rectangle

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



17.5770, 13.9601, 31.4739



20.0381, 13.9601, 14.6735



9.7290, 13.9601, 5.8025



8.2266, 13.9601, 15.7393

Sweetspot

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



17.5775, 13.9607, 31.4742



44.9501, 44.1402, 58.5844



16.7570, 18.0411, 32.3051



10.0610, 9.8081, 13.2804



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.5775, 13.9607, 31.4742



27.6290, 20.1559, 54.8679



22.2749, 16.3918, 31.2612



6.1782, 6.1777, 7.7958



7.5436, 3.3399, 25.1548



0.1548, 0.0716, 0.3780

Inverse Universe

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



20.0805, 15.5141, 19.7056



32.8767, 23.4092, 30.3512



17.4755, 25.4539, 14.1216



6.3249, 6.2691, 7.0912



11.8608, 5.9985, 5.7918



0.1955, 0.0970, 0.1825

Previews

White Background



This preview shows how the XYZ color 17.5770, 13.9601, 31.4739 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 17.5770, 13.9601, 31.4739 looks on a black 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

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

XYZ 17.5770, 13.9601, 31.4739

Background



This preview shows how black text looks on a background with the XYZ color 17.5770, 13.9601, 31.4739.



This preview shows how white text looks on a background with the XYZ color 17.5770, 13.9601,

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

17.5770, 13.9601, 31.4739

Protanopia

14.9391, 14.1481, 36.1259

Deuteranopia

14.3996, 14.1453, 30.4051



Tritanopia

14.4664, 13.9101, 16.1098

Trichromacy



Original Color

17.5770, 13.9601, 31.4739

Protanomaly

15.6704, 13.9890, 34.2220

Deuteranomaly

15.3337, 13.8924, 30.7275

Tritanomaly

15.5205, 13.9266, 20.9389

Monochromacy



Original Color

17.5770, 13.9601, 31.4739

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.1995, 14.4687, 21.0604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5770, 13.9601, 31.4739 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(123, 91, 152)` looks like.

```
.text, #text, p{  
    color:rgb(123, 91, 152)  
}
```

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(123, 91, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 91, 152) }
```

Border

The CSS property to change the border of an element to XYZ 17.5770, 13.9601, 31.4739 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(123, 91, 152) }
```


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

```
.border{ border-color:rgb(123, 91, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 91, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 91, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 91, 152);  
box-shadow:4px 4px 4px 4px rgb(123, 91,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5770, 13.9601, 31.4739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 91, 152) }
```

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

```
.background{ background-color: rgb(123, 91,  
152) }
```

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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