

Converting Colors

XYZ(26.6132, 28.1338, 47.9428)

Have a look what the booklet for
XYZ(26.6132, 28.1338, 47.9428)
contains.

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Color

**XYZ(26.6594, 28.2686,
47.7673)**

Conversions

Conversions Part 1

Format	Color
Hex	7993B5
RGB	121, 147, 181
RGB Percent	47%, 58%, 71%
CMY	0.5255, 0.4235, 0.2902
CMYK	0.33, 0.19, 0.00, 0.29
HSL	214°, 29%, 59%
HSV	214°, 33%, 71%
XYZ	26.6594, 28.2686, 47.7673
YIQ	143.1020, -26.4100, 5.0620

Conversions

Conversions Part 2

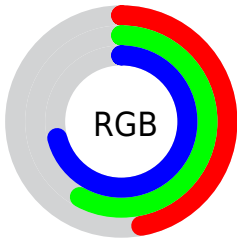
Format	Color
R_{YB}	121, 139, 181
Decimal	7967669
CIE _{Lab}	60.13, -0.85, -20.71
CIE _{LCh}	60, 20.726, 267.640
Yxy	28.2686, 0.2596, 0.2753
Android (android.graphics.Color)	4286157749 (0xFF7993B5)
YUV	143.1020, 18.6837, -19.3835
Hunter-Lab	53.1682, -3.5416, -16.0495

Details

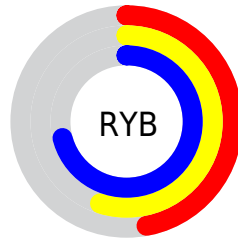
The XYZ color **26.6594, 28.2686, 47.7673** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.2291, 34.6474, 22.9737**, and the grayscale version is **26.0852, 27.4437, 29.8861**.

A 20% lighter version of the original color is **53.8519, 57.0017, 88.2849**, and **10.6968, 11.4100, 22.0606** is the 20% darker color. If you saturate the color by 10%, you get **22.8326, 24.0333, 47.1520**, and if you desaturate by 10%, it is **31.1061, 33.0359, 48.4536**.

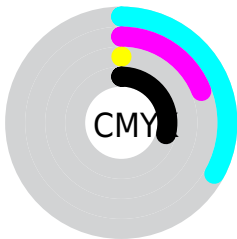
Distribution



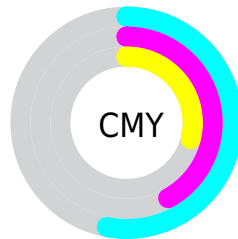
- Red (47%)
- Green (58%)
- Blue (71%)



- Red (47%)
- Yellow (55%)
- Blue (71%)



- Cyan (33%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)



- Cyan (53%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6594, 28.2686, 47.7673 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 26.6594, 28.2686, 47.7673 by changing the saturation by 10% instead.

■ 26.6594, 28.2686,
47.7673

■ 26.6594, 28.2686,
47.7673

278.2019,
293.7482, 394.3511

■ 17.4528, 18.5282,
33.2840

■ 53.7606, 56.9130,
88.2198

■ 10.6552, 11.3299,
22.0712

■ 72.3859, 76.5858,
115.0260

■ 5.9011, 6.2892,
13.7104

■ 94.8816, 100.3382,
146.7769

■ 2.8251, 3.0217,
7.7831

121.6129,
128.5546, 183.8911

■ 1.0620, 1.1431,
3.8707

152.9452,
161.6194, 226.7871

■ 0.0000, 0.0145,
1.5547

189.2439,

■ 0.0000, 0.0000,

199.9170, 275.8834

0.2582

230.8744,
243.8318, 331.5985

■ 0.0000, 0.0000,
0.0000

■ 26.6594, 28.2686,
47.7673

■ 26.6594, 28.2686,
47.7673

■ 22.8326, 24.0333,
47.1520

■ 31.1061, 33.0359,
48.4536

■ 19.5927, 20.3056,
46.6032

■ 36.1983, 38.3516,
49.2112

■ 16.9073, 17.0637,
46.1190

■ 41.9630, 44.2356,
50.0431

■ 14.7398, 14.2827,
45.6965

■ 48.4252, 50.7055,
50.9514

■ 13.0482, 11.9347,
45.3324

■ 55.6083, 57.7783,
51.9380

■ 11.7830, 9.9876,
45.0233

■ 63.5348, 65.4701,
53.0048

■ 11.0960, 8.8472,
44.8394

■ 72.2258, 73.7963,
54.1539

■ 77.6150, 80.6651,
55.1957

■ 80.5383, 86.5116,
56.1701

Harmonies

Analogous

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



24.2346, 28.2686, 44.8119



26.6594, 28.2686, 47.7673



29.3002, 28.2686, 45.5874

Triad

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



26.6594, 28.2686, 47.7673



31.6356, 28.2686, 24.4988



22.7933, 28.2686, 23.6167

Complementary

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



26.6594, 28.2686, 47.7673



34.2291, 34.6474, 22.9737

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.



24.5751, 28.2686, 19.5856



26.6594, 28.2686, 47.7673



29.6865, 28.2686, 20.0331

Square

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



26.6594, 28.2686, 47.7673



32.2831, 28.2686, 31.3839



27.0786, 28.2686, 18.3890



22.0959, 28.2686, 30.1833

Rectangle

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



26.6594, 28.2686, 47.7673



30.8088, 28.2686, 41.6861



27.0786, 28.2686, 18.3890



23.2793, 28.2686, 21.9637

Sweetspot

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



26.6603, 28.2697, 47.7680



67.7792, 71.7194, 88.5655



30.2425, 39.4464, 36.5926



14.3511, 15.1947, 19.0987



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.6603, 28.2697, 47.7680



42.4919, 44.8377, 84.7096



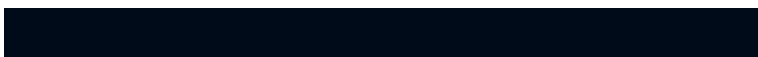
23.4909, 21.2970, 46.5891



8.3348, 8.8157, 10.7686



7.7157, 6.2317, 30.9332



0.3012, 0.3129, 0.9928

Inverse Universe

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



31.1607, 25.6060, 30.9050



52.0027, 39.9269, 48.9110



38.3357, 43.8937, 24.5419



8.6442, 8.5644, 9.6246



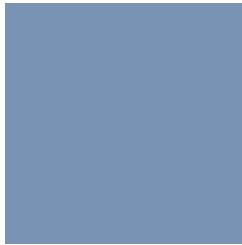
14.1292, 7.1692, 5.8402



0.4740, 0.2374, 0.3390

Previews

White Background



This preview shows how the XYZ color 26.6594, 28.2686, 47.7673 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 26.6594, 28.2686, 47.7673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

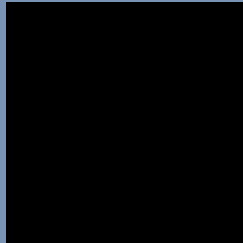
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

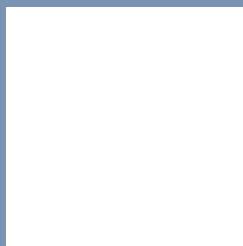
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6594, 28.2686, 47.7673

Background



This preview shows how black text looks on a background with the XYZ color 26.6594, 28.2686, 47.7673.

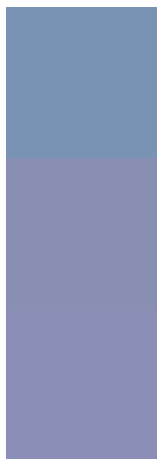


This preview shows how white text looks on a background with the XYZ color 26.6594, 28.2686,

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

26.6594, 28.2686, 47.7673

Protanopia

28.0117, 28.0935, 46.0657

Deuteranopia

28.7640, 28.2124, 48.1855



Tritanopia

24.7641, 28.2032, 38.3210

Trichromacy



Original Color

26.6594, 28.2686, 47.7673

Protanomaly

27.4700, 28.0265, 46.6097

Deuteranomaly

27.9325, 28.2295, 48.2326

Tritanomaly

25.3801, 28.2110, 41.6437

Monochromacy



Original Color

26.6594, 28.2686, 47.7673

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.0507, 27.5317, 35.8394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6594, 28.2686, 47.7673 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(121, 147, 181)` looks like.

```
.text, #text, p{  
    color:rgb(121, 147, 181)  
}
```

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(121, 147, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 147, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.6594, 28.2686, 47.7673 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(121, 147, 181) }
```


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

```
.border{ border-color:rgb(121, 147, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 147, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 147, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 147, 181);  
box-shadow:4px 4px 4px 4px rgb(121, 147,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6594, 28.2686, 47.7673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 147, 181) }
```

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

```
.background{ background-color: rgb(121,  
147, 181) }
```

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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