

Converting Colors

XYZ(21.2717, 26.7293, 47.7246)

Have a look what the booklet for
XYZ(21.2717, 26.7293, 47.7246)
contains.

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Color

**XYZ(21.2561, 26.6625,
47.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	3998B5
RGB	57, 152, 181
RGB Percent	22%, 60%, 71%
CMY	0.7764, 0.4039, 0.2902
CMYK	0.69, 0.16, 0.00, 0.29
HSL	194°, 52%, 47%
HSV	194°, 69%, 71%
XYZ	21.2561, 26.6625, 47.7421
YIQ	126.9010, -65.9290, -11.1210

Conversions

Conversions Part 2

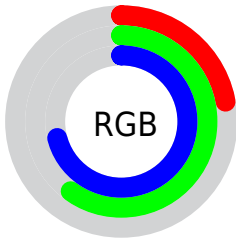
Format	Color
R _Y B	57, 111, 181
Decimal	3774645
CIE Lab	58.66, -18.32, -23.22
CIE LCh	59, 29.573, 231.726
Yxy	26.6625, 0.2222, 0.2787
Android (android.graphics.Color)	4281964725 (0xFF3998B5)
YUV	126.9010, 26.6708, -61.3032
Hunter-Lab	51.6357, -16.8822, -18.6742

Details

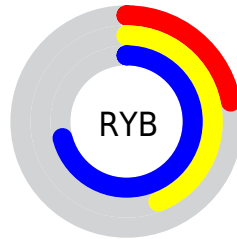
The XYZ color **21.2561, 26.6625, 47.7421** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **23.1234, 16.7761, 5.8914**, and the grayscale version is **20.0676, 21.1127, 22.9917**.

A 20% lighter version of the original color is **44.9651, 54.1790, 88.2084**, and **8.5500, 10.8659, 22.0688** is the 20% darker color. If you saturate the color by 10%, you get **19.7275, 24.8731, 47.4778**, and if you desaturate by 10%, it is **23.1787, 28.6924, 48.0331**.

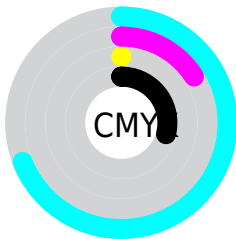
Distribution



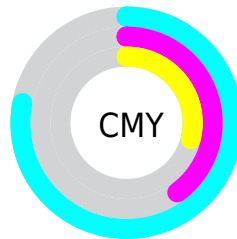
- Red (22%)
- Green (60%)
- Blue (71%)



- Red (22%)
- Yellow (44%)
- Blue (71%)



- Cyan (69%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)



- Cyan (78%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2561, 26.6625, 47.7421 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 21.2561, 26.6625, 47.7421 by changing the saturation by 10% instead.

■ 21.2561, 26.6625,
47.7421

■ 21.2561, 26.6625,
47.7421

251.3424,
286.0193, 394.2481

■ 13.4249, 17.3199,
33.2642

■ 45.0014, 54.3418,
88.1818

■ 7.8008, 10.4628,
22.0561

■ 61.6462, 73.4473,
114.9807

■ 4.0185, 5.7069,
13.6994

■ 81.9596, 96.5759,
146.7237

■ 1.7126, 2.6677,
7.7756

■ 106.3069,
124.1120, 183.8292

■ 0.4641, 0.9608,
3.8660

■ 135.0535,
156.4400, 226.7159

■ 0.0000, 0.0000,
1.5521

168.5647,

■ 0.0000, 0.0000,

193.9443, 275.8022

0.2563

207.2059,
237.0093, 331.5068

■ 0.0000, 0.0000,
0.0000

■ 21.2561, 26.6625,
47.7421

■ 21.2561, 26.6625,
47.7421

■ 19.7275, 24.8731,
47.4778

■ 23.1787, 28.6924,
48.0331

■ 18.5489, 23.2997,
47.2362

■ 25.5281, 30.9786,
48.3505

■ 17.6510, 21.9067,
47.0147

■ 28.3364, 33.5385,
48.6966

■ 17.5253, 21.7058,
46.9825

■ 31.6319, 36.3871,
49.0728

■ 35.4405, 39.5380,
49.4802

■ 39.7861, 43.0040,
49.9202

■ 44.6913, 46.7970,
50.3938

■ 50.1771, 50.9282,
50.9021

■ 56.2637, 55.4083,
51.4460

Harmonies

Analogous

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



19.3901, 26.6625, 37.0853



21.2561, 26.6625, 47.7421



24.3498, 26.6625, 53.6737

Triad

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



21.2561, 26.6625, 47.7421



32.9033, 26.6625, 32.0063



22.8427, 26.6625, 14.1285

Complementary

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



21.2561, 26.6625, 47.7421



23.1234, 16.7761, 5.8914

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.



26.3606, 26.6625, 13.3911



21.2561, 26.6625, 47.7421



32.4018, 26.6625, 22.2363

Square

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



21.2561, 26.6625, 47.7421



31.2318, 26.6625, 43.2717



29.9204, 26.6625, 15.9858



20.2434, 26.6625, 18.3174

Rectangle

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



21.2561, 26.6625, 47.7421



26.7885, 26.6625, 53.3589



29.9204, 26.6625, 15.9858



23.9484, 26.6625, 13.5165

Sweetspot

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



21.2570, 26.6635, 47.7428



61.4344, 69.1479, 88.4035



19.8892, 34.5891, 14.4196



12.8744, 14.6123, 19.0642



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.



21.2570, 26.6635, 47.7428



34.2307, 43.1297, 84.8153



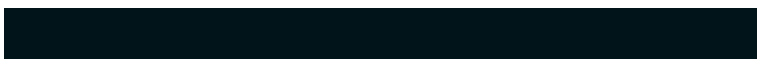
13.6908, 11.5310, 45.2207



8.5708, 9.2879, 10.8473



12.1364, 15.0731, 32.4067



0.4230, 0.5565, 1.0334

Inverse Universe

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



26.1875, 15.0180, 31.2252



44.2166, 22.9669, 50.5938



30.3749, 31.2792, 8.3086



8.7633, 8.6121, 10.2521



16.3605, 8.0618, 17.5903



0.5355, 0.2620, 0.6627

Previews

White Background



This preview shows how the XYZ color 21.2561, 26.6625, 47.7421 looks on a white background.

Color Contrast Check

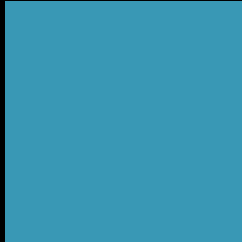
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2561, 26.6625, 47.7421 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 21.2561, 26.6625, 47.7421

Background



This preview shows how black text looks on a background with the XYZ color 21.2561, 26.6625, 47.7421.

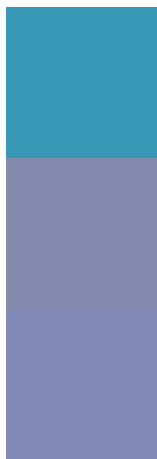


This preview shows how white text looks on a background with the XYZ color 21.2561, 26.6625,

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

21.2561, 26.6625, 47.7421

Protanopia

26.3519, 26.4303, 42.7424

Deuteranopia

26.9461, 26.3835, 49.0197



Tritanopia

19.7496, 26.5296, 40.6390

Trichromacy



Original Color

21.2561, 26.6625, 47.7421

Protanomaly

23.5368, 26.0449, 44.3441

Deuteranomaly

23.9632, 25.9474, 48.5451

Tritanomaly

20.2029, 26.4648, 43.0731

Monochromacy



Original Color

21.2561, 26.6625, 47.7421

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.5501, 22.5397, 30.9240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2561, 26.6625, 47.7421 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(57, 152, 181)` looks like.

```
.text, #text, p{  
    color:rgb(57, 152, 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(57, 152, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 152, 181) }
```

Border

The CSS property to change the border of an element to XYZ 21.2561, 26.6625, 47.7421 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(57, 152, 181) }
```


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

```
.border{ border-color:rgb(57, 152, 181) }
```

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

Here you see how a box with a 4 pixel rgb(57, 152, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 152, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 152, 181);  
box-shadow:4px 4px 4px 4px rgb(57, 152,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2561, 26.6625, 47.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 152, 181) }
```

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

```
.background{ background-color: rgb(57, 152,  
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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