

Converting Colors

XYZ(21.2338, 25.1588, 40.7165)

Have a look what the booklet for
XYZ(21.2338, 25.1588, 40.7165)
contains.

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Color

**XYZ(21.2178, 25.1527,
40.7824)**

Conversions

Conversions Part 1

Format	Color
Hex	5891A8
RGB	88, 145, 168
RGB Percent	35%, 57%, 66%
CMY	0.6549, 0.4314, 0.3412
CMYK	0.48, 0.14, 0.00, 0.34
HSL	197°, 31%, 50%
HSV	197°, 48%, 66%
XYZ	21.2178, 25.1527, 40.7824
YIQ	130.5790, -41.3550, -4.9310

Conversions

Conversions Part 2

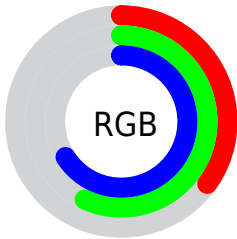
Format	Color
R_{YB}	88, 121, 168
Decimal	5804456
CIE _{Lab}	57.22, -12.31, -17.92
CIE _{LCh}	57, 21.739, 235.518
Yxy	25.1527, 0.2435, 0.2886
Android (android.graphics.Color)	4283994536 (0xFF5891A8)
YUV	130.5790, 18.4486, -37.3418
Hunter-Lab	50.1525, -12.2496, -13.1060

Details

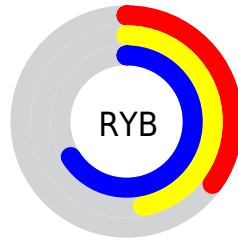
The XYZ color **21.2178, 25.1527, 40.7824** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5949, 20.3989, 11.9271**, and the grayscale version is **21.3711, 22.4841, 24.4852**.

A 20% lighter version of the original color is **44.8980, 51.9253, 77.4683**, and **7.8403, 9.7524, 17.9922** is the 20% darker color. If you saturate the color by 10%, you get **19.0848, 22.9812, 40.4761**, and if you desaturate by 10%, it is **23.7502, 27.5778, 41.1175**.

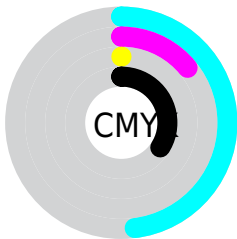
Distribution



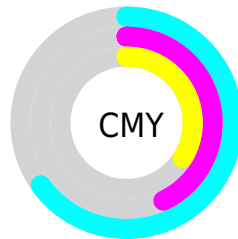
- Red (35%)
- Green (57%)
- Blue (66%)



- Red (35%)
- Yellow (47%)
- Blue (66%)



- Cyan (48%)
- Magenta (14%)
- Yellow (0%)
- Black (34%)



- Cyan (65%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2178, 25.1527, 40.7824 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 21.2178, 25.1527, 40.7824 by changing the saturation by 10% instead.

■ 21.2178, 25.1527,
40.7824

■ 21.2178, 25.1527,
40.7824

251.1436,
278.5975, 365.0600

■ 13.3967, 16.1909,
27.8307

■ 44.9383, 51.9048,
77.6035

■ 7.7811, 9.6593,
17.9601

■ 61.5683, 70.4639,
102.3100

■ 4.0058, 5.1737,
10.7522

■ 81.8654, 92.9909,
131.7719

■ 1.7054, 2.3495,
5.7884

■ 106.1949,
119.8701, 166.4076

■ 0.4597, 0.7997,
2.6501

134.9221,
151.4860, 206.6357

■ 0.0000, 0.0000,
0.9182

168.4124,

■ 0.0000, 0.0000,

188.2229, 252.8748

0.0000

207.0311,
230.4653, 305.5434

■ 21.2178, 25.1527,
40.7824

■ 21.2178, 25.1527,
40.7824

■ 19.0848, 22.9812,
40.4761

■ 23.7502, 27.5778,
41.1175

■ 17.3229, 21.0465,
40.1956

■ 26.7032, 30.2663,
41.4808

■ 15.9038, 19.3339,
39.9398

■ 30.0991, 33.2308,
41.8740

■ 14.7935, 17.8253,
39.7071

■ 33.9579, 36.4822,
42.2982

■ 13.9376, 16.4922,
39.4949

■ 38.2983, 40.0307,
42.7544

■ 13.7487, 16.1887,
39.4463

■ 43.1382, 43.8859,
43.2434

■ 48.4941, 48.0570,
43.7662

■ 54.3822, 52.5528,
44.3236

■ 60.8176, 57.3815,
44.9165

Harmonies

Analogous

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



19.7202, 25.1527, 33.9449



21.2178, 25.1527, 40.7824



23.5229, 25.1527, 44.0510

Triad

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



21.2178, 25.1527, 40.7824



29.1776, 25.1527, 28.5076



21.8413, 25.1527, 16.5008

Complementary

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



21.2178, 25.1527, 40.7824



23.5949, 20.3989, 11.9271

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.



24.2950, 25.1527, 15.5654



21.2178, 25.1527, 40.7824



28.6478, 25.1527, 21.7333

Square

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



21.2178, 25.1527, 40.7824



28.2144, 25.1527, 36.2028



26.8141, 25.1527, 17.3021



20.0617, 25.1527, 20.1329

Rectangle

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



21.2178, 25.1527, 40.7824



25.2530, 25.1527, 43.4056



26.8141, 25.1527, 17.3021



22.6095, 25.1527, 15.8919

Sweetspot

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



21.2186, 25.1537, 40.7830



56.8761, 62.2251, 76.2381



20.8787, 31.2209, 19.8695



12.0904, 13.3021, 16.5825



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.2186, 25.1537, 40.7830



34.4811, 41.5430, 73.4263



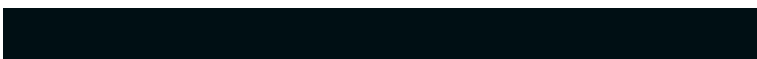
16.1787, 15.0739, 39.1030



7.5626, 8.1622, 9.5952



10.4278, 12.3158, 29.8031



0.2942, 0.3806, 0.7386

Inverse Universe

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



24.7497, 17.3494, 28.8334



41.9183, 26.5994, 47.9233



28.9235, 31.0561, 13.7033



7.7486, 7.6293, 8.9932



14.7641, 7.3143, 14.1010



0.3796, 0.1861, 0.4507

Previews

White Background



This preview shows how the XYZ color 21.2178, 25.1527, 40.7824 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 21.2178, 25.1527, 40.7824 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

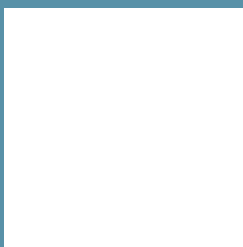
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2178, 25.1527, 40.7824

Background



This preview shows how black text looks on a background with the XYZ color 21.2178, 25.1527, 40.7824.



This preview shows how white text looks on a background with the XYZ color 21.2178, 25.1527,

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

21.2178, 25.1527, 40.7824

Protanopia

24.8415, 25.1225, 37.7223

Deuteranopia

25.4537, 24.9390, 41.5024



Tritanopia

20.3516, 25.2674, 36.1522

Trichromacy



Original Color

21.2178, 25.1527, 40.7824

Protanomaly

23.1359, 24.8586, 38.7008

Deuteranomaly

23.5860, 24.8234, 41.0844

Tritanomaly

20.6382, 25.1448, 37.9481

Monochromacy



Original Color

21.2178, 25.1527, 40.7824

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.9084, 23.2668, 29.7745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2178, 25.1527, 40.7824 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(88, 145, 168)` looks like.

```
.text, #text, p{  
    color:rgb(88, 145, 168)  
}
```

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(88, 145, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 145, 168) }
```

Border

The CSS property to change the border of an element to XYZ 21.2178, 25.1527, 40.7824 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(88, 145, 168) }
```


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

```
.border{ border-color:rgb(88, 145, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 145, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 145, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 145, 168);  
box-shadow:4px 4px 4px 4px rgb(88, 145,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2178, 25.1527, 40.7824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 145, 168) }
```

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

```
.background{ background-color: rgb(88, 145,  
168) }
```

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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