

Converting Colors

XYZ(24.7148, 28.2595, 35.5266)

Have a look what the booklet for
XYZ(24.7148, 28.2595, 35.5266)
contains.

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Color

**XYZ(24.6528, 28.2061,
35.5975)**

Conversions

Conversions Part 1

Format	Color
Hex	78969C
RGB	120, 150, 156
RGB Percent	47%, 59%, 61%
CMY	0.5294, 0.4118, 0.3882
CMYK	0.23, 0.04, 0.00, 0.39
HSL	190°, 15%, 54%
HSV	190°, 23%, 61%
XYZ	24.6528, 28.2061, 35.5975
YIQ	141.7140, -19.8060, -4.4940

Conversions

Conversions Part 2

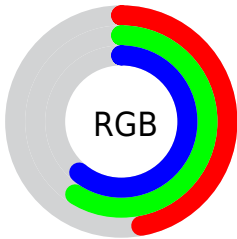
Format	Color
R_{YB}	120, 136, 156
Decimal	7902876
CIE _{Lab}	60.07, -9.04, -6.62
CIE _{LCh}	60, 11.201, 216.205
Yxy	28.2061, 0.2787, 0.3189
Android (android.graphics.Color)	4286092956 (0xFF78969C)
YUV	141.7140, 7.0430, -19.0432
Hunter-Lab	53.1094, -10.0838, -2.5636

Details

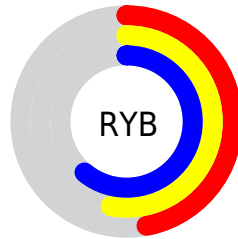
The XYZ color **24.6528, 28.2061, 35.5975** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.5615, 23.3456, 20.9814**, and the grayscale version is **25.5775, 26.9096, 29.3045**.

A 20% lighter version of the original color is **50.4593, 56.7231, 69.2619**, and **9.5374, 11.2457, 15.0326** is the 20% darker color. If you saturate the color by 10%, you get **22.2531, 26.3608, 35.3683**, and if you desaturate by 10%, it is **27.4158, 30.2538, 35.8476**.

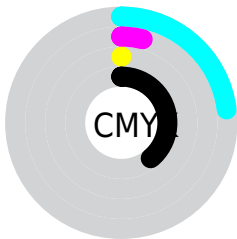
Distribution



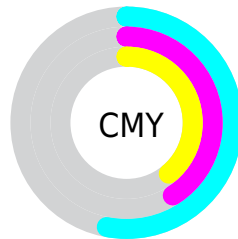
- Red (47%)
- Green (59%)
- Blue (61%)



- Red (47%)
- Yellow (53%)
- Blue (61%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6528, 28.2061, 35.5975 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 24.6528, 28.2061, 35.5975 by changing the saturation by 10% instead.

■ 24.6528, 28.2061,
35.5975

■ 24.6528, 28.2061,
35.5975

268.4841,
293.4504, 342.1819

■ 15.9459, 18.4811,
23.8363

■ 50.5404, 56.8133,
69.5724

■ 9.5765, 11.2959,
15.0011

■ 68.4518, 76.4643,
92.6231

■ 5.1792, 6.2662,
8.6735

■ 90.1620, 100.1927,
120.2742

■ 2.3886, 3.0076,
4.4350

116.0365,
128.3830, 152.9440

■ 0.8394, 1.1357,
1.8669

146.4406,
161.4195, 191.0511

■ 0.0000, 0.0082,
0.4715

181.7397,

■ 0.0000, 0.0000,

199.6867, 235.0141

0.0000

222.2991,
243.5688, 285.2515

■ 24.6528, 28.2061,
35.5975

■ 24.6528, 28.2061,
35.5975

■ 22.2531, 26.3608,
35.3683

■ 27.4158, 30.2538,
35.8476

■ 20.1973, 24.7056,
35.1571

■ 30.5557, 32.5088,
36.1173

■ 18.4674, 23.2320,
34.9639

■ 34.0882, 34.9800,
36.4082

■ 17.0434, 21.9295,
34.7875

■ 38.0275, 37.6748,
36.7207

■ 15.9025, 20.7861,
34.6270

■ 42.3870, 40.6003,
37.0556

■ 15.0189, 19.7887,
34.4810

■ 47.1796, 43.7631,
37.4135

■ 14.3617, 18.9211,
34.3482

■ 52.4175, 47.1697,
37.7949

■ 13.9848, 18.3683,
34.2613

■ 58.1125, 50.8261,
38.2005

■ 62.2603, 53.6992,
38.5365

Harmonies

Analogous

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



24.1696, 28.2061, 31.5700



24.6528, 28.2061, 35.5975



25.7158, 28.2061, 38.4880

Triad

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



24.6528, 28.2061, 35.5975



29.4022, 28.2061, 33.9967



26.5132, 28.2061, 23.5350

Complementary

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



24.6528, 28.2061, 35.5975



24.5615, 23.3456, 20.9814

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.



27.9328, 28.2061, 24.0603



24.6528, 28.2061, 35.5975



29.6340, 28.2061, 29.8690

Square

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



24.6528, 28.2061, 35.5975



28.4648, 28.2061, 37.5079



29.0875, 28.2061, 26.2947



25.2188, 28.2061, 24.7903

Rectangle

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



24.6528, 28.2061, 35.5975



26.6276, 28.2061, 39.2504



29.0875, 28.2061, 26.2947



26.9913, 28.2061, 23.5109

Sweetspot

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



24.6536, 28.2072, 35.5981



53.0961, 57.3341, 65.3949



23.3619, 29.2614, 23.9534



11.6168, 12.5682, 14.3840



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.6536, 28.2072, 35.5981



42.3097, 49.3507, 64.4224



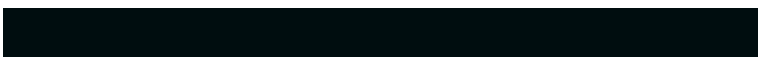
22.0798, 23.0596, 34.7402



6.7277, 7.3212, 8.4652



11.5406, 15.1728, 28.2276



0.2291, 0.3169, 0.5123

Inverse Universe

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



25.9324, 22.7034, 31.8710



45.1089, 37.5843, 56.2010



26.9836, 28.1897, 21.7887



6.8567, 6.7356, 8.0963



14.6234, 7.1539, 18.0655



0.2730, 0.1325, 0.3836

Previews

White Background



This preview shows how the XYZ color 24.6528, 28.2061, 35.5975 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 24.6528, 28.2061, 35.5975 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

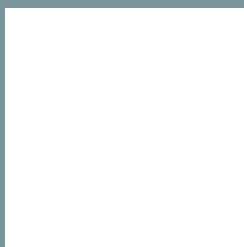
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6528, 28.2061, 35.5975

Background



This preview shows how black text looks on a background with the XYZ color 24.6528, 28.2061, 35.5975.



This preview shows how white text looks on a background with the XYZ color 24.6528, 28.2061,

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

24.6528, 28.2061, 35.5975

Protanopia

27.3178, 28.2333, 33.7155

Deuteranopia

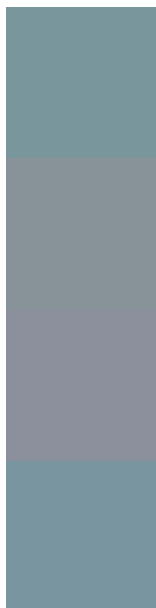
28.4985, 27.9002, 36.2310



Tritanopia

25.0656, 28.1330, 37.8273

Trichromacy



Original Color

24.6528, 28.2061, 35.5975

Protanomaly

26.1820, 28.0919, 34.1793

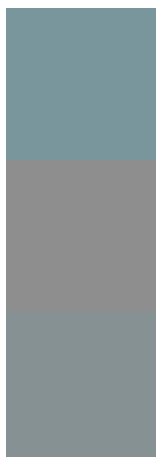
Deuteranomaly

26.8743, 27.9563, 35.8780

Tritanomaly

24.8906, 28.0630, 36.9057

Monochromacy



Original Color

24.6528, 28.2061, 35.5975

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.2234, 27.4257, 31.5680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6528, 28.2061, 35.5975 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(120, 150, 156)` looks like.

```
.text, #text, p{  
    color:rgb(120, 150, 156)  
}
```

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(120, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 150, 156) }
```

Border

The CSS property to change the border of an element to XYZ 24.6528, 28.2061, 35.5975 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(120, 150, 156) }
```


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

```
.border{ border-color:rgb(120, 150, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 150, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(120, 150,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6528, 28.2061, 35.5975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 150, 156) }
```

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

```
.background{ background-color: rgb(120,  
150, 156) }
```

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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