

Converting Colors

XYZ(24.1822, 28.5171, 32.2483)

Have a look what the booklet for
XYZ(24.1822, 28.5171, 32.2483)
contains.

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Color

**XYZ(24.1813, 28.5165,
32.2467)**

Conversions

Conversions Part 1

Format	Color
Hex	779894
RGB	119, 152, 148
RGB Percent	47%, 60%, 58%
CMY	0.5333, 0.4039, 0.4196
CMYK	0.22, 0.00, 0.03, 0.40
HSL	173°, 14%, 53%
HSV	173°, 22%, 60%
XYZ	24.1813, 28.5165, 32.2467
YIQ	141.6770, -18.3840, -8.2400

Conversions

Conversions Part 2

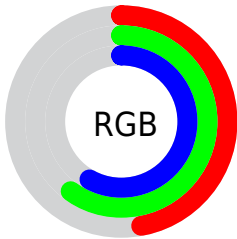
Format	Color
R_{YB}	119, 137, 152
Decimal	7837844
CIE _{Lab}	60.35, -12.28, -1.67
CIE _{LCh}	60, 12.396, 187.745
Yxy	28.5165, 0.2847, 0.3357
Android (android.graphics.Color)	4286027924 (0xFF779894)
YUV	141.6770, 3.1172, -19.8877
Hunter-Lab	53.4008, -12.6220, 1.5777

Details

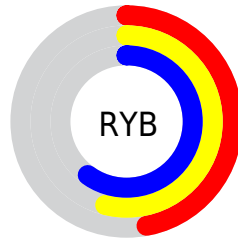
The XYZ color **24.1813, 28.5165, 32.2467** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1219, 21.3000, 21.6328**, and the grayscale version is **25.5775, 26.9096, 29.3045**.

A 20% lighter version of the original color is **49.7452, 57.1775, 64.2916**, and **9.3371, 11.4725, 13.0316** is the 20% darker color. If you saturate the color by 10%, you get **22.1152, 27.4689, 31.3949**, and if you desaturate by 10%, it is **26.5850, 29.7394, 33.1276**.

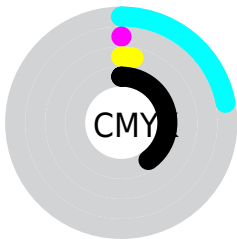
Distribution



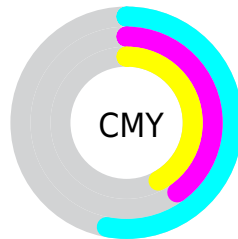
- Red (47%)
- Green (60%)
- Blue (58%)



- Red (47%)
- Yellow (54%)
- Blue (60%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1813, 28.5165, 32.2467 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 24.1813, 28.5165, 32.2467 by changing the saturation by 10% instead.

■ 24.1813, 28.5165,
32.2467

■ 24.1813, 28.5165,
32.2467

266.1593,
294.9268, 326.7688

■ 15.5936, 18.7154,
21.2836

■ 49.7784, 57.3080,
64.3000

■ 9.3261, 11.4648,
13.1382

■ 67.5186, 77.0672,
86.2274

■ 5.0133, 6.3804,
7.3919

■ 89.0403, 100.9145,
112.6465

■ 2.2899, 3.0777,
3.6263

114.7089,
129.2343, 143.9761

■ 0.7895, 1.1724,
1.4226

144.8897,
162.4110, 180.6345

■ 0.0000, 0.0390,
0.1593

179.9482,

■ 0.0000, 0.0000,

200.8291, 223.0405

0.0000

220.2496,
244.8729, 271.6124

■ 24.1813, 28.5165,
32.2467

■ 24.1813, 28.5165,
32.2467

■ 22.1152, 27.4689,
31.3949

■ 26.5850, 29.7394,
33.1276

■ 20.3685, 26.5849,
30.5696

■ 29.3387, 31.1417,
34.0364

■ 18.9248, 25.8568,
29.7705

■ 32.4570, 32.7317,
34.9746

■ 17.7654, 25.2750,
28.9966

■ 35.9532, 34.5163,
35.9427

■ 16.8695, 24.8288,
28.2470

■ 39.8397, 36.5018,
36.9415

■ 16.2133, 24.5060,
27.5204

■ 44.1284, 38.6943,
37.9715

■ 15.7689, 24.2920,
26.8156

■ 48.8307, 41.0998,
39.0333

■ 15.5019, 24.1667,
26.2450

■ 53.9577, 43.7240,
40.1275

■ 59.2230, 46.4192,
41.2407

Harmonies

Analogous

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



24.3673, 28.5165, 27.8449



24.1813, 28.5165, 32.2467



24.7538, 28.5165, 36.7342

Triad

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



24.1813, 28.5165, 32.2467



29.0224, 28.5165, 38.5144



28.2806, 28.5165, 23.6189

Complementary

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



24.1813, 28.5165, 32.2467



23.1219, 21.3000, 21.6328

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.



29.5986, 28.5165, 25.9840



24.1813, 28.5165, 32.2467



30.0385, 28.5165, 34.4913

Square

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



24.1813, 28.5165, 32.2467



27.5189, 28.5165, 40.5766



30.2534, 28.5165, 29.8825



26.6934, 28.5165, 23.1443

Rectangle

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



24.1813, 28.5165, 32.2467



25.5023, 28.5165, 39.0734



30.2534, 28.5165, 29.8825



28.7716, 28.5165, 24.2072

Sweetspot

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



24.1821, 28.5177, 32.2473



49.0682, 53.5827, 59.1985



22.7846, 28.0301, 21.6628



11.0954, 12.1496, 13.4361



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.



24.1821, 28.5177, 32.2473



40.8605, 49.4096, 56.1899



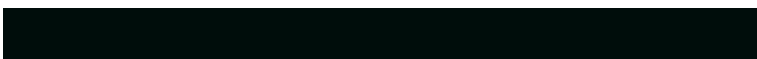
22.6396, 24.9169, 33.3233



6.3523, 7.0137, 7.7787



13.0050, 20.2655, 22.0447



0.2023, 0.3061, 0.3713

Inverse Universe

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



23.1219, 21.3000, 21.6328



38.6530, 34.3754, 34.0850



24.4094, 24.2677, 20.8510



6.2378, 6.2343, 6.6322



10.9586, 5.6377, 1.0412



0.1708, 0.0871, 0.0522

Previews

White Background



This preview shows how the XYZ color 24.1813, 28.5165, 32.2467 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 24.1813, 28.5165, 32.2467 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

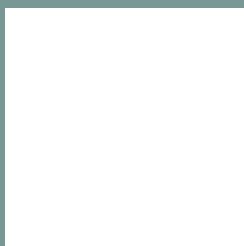
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1813, 28.5165, 32.2467

Background



This preview shows how black text looks on a background with the XYZ color 24.1813, 28.5165, 32.2467.

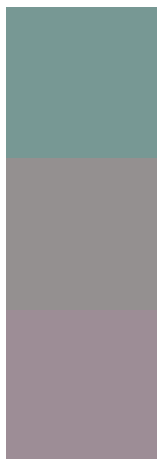


This preview shows how white text looks on a background with the XYZ color 24.1813, 28.5165,

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

24.1813, 28.5165, 32.2467

Protanopia

27.2200, 28.2560, 30.4049

Deuteranopia

28.9345, 28.4199, 32.8147



Tritanopia

25.4540, 28.5589, 38.3533

Trichromacy



Original Color

24.1813, 28.5165, 32.2467

Protanomaly

25.8611, 28.2301, 30.8740

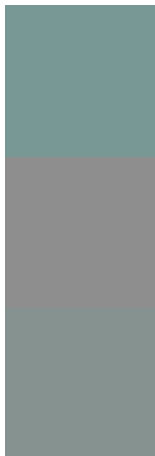
Deuteranomaly

26.8779, 28.2604, 32.4719

Tritanomaly

25.0376, 28.6325, 36.1053

Monochromacy



Original Color

24.1813, 28.5165, 32.2467

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1444, 27.6397, 30.3953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1813, 28.5165, 32.2467 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(119, 152, 148)` looks like.

```
.text, #text, p{  
    color:rgb(119, 152, 148)  
}
```

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(119, 152, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 152, 148) }
```

Border

The CSS property to change the border of an element to XYZ 24.1813, 28.5165, 32.2467 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(119, 152, 148) }
```


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

```
.border{ border-color:rgb(119, 152, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 152, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 152, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 152, 148);  
box-shadow:4px 4px 4px 4px rgb(119, 152,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1813, 28.5165, 32.2467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 152, 148) }
```

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

```
.background{ background-color: rgb(119,  
152, 148) }
```

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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