

Converting Colors

XYZ(18.6294, 22.8895, 32.2904)

Have a look what the booklet for
XYZ(18.6294, 22.8895, 32.2904)
contains.

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Color

**XYZ(18.6294, 22.8895,
32.2904)**

Conversions

Conversions Part 1

Format	Color
Hex	558C96
RGB	85, 140, 150
RGB Percent	33%, 55%, 59%
CMY	0.6667, 0.4510, 0.4118
CMYK	0.43, 0.07, 0.00, 0.41
HSL	189°, 28%, 46%
HSV	189°, 43%, 59%
XYZ	18.6294, 22.8895, 32.2904
YIQ	124.6950, -35.9900, -8.5500

Conversions

Conversions Part 2

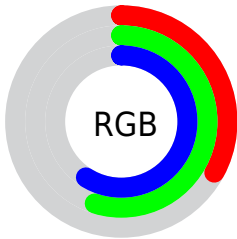
Format	Color
R_{YB}	85, 115, 150
Decimal	5606550
CIE _{Lab}	54.96, -15.41, -11.03
CIE _{LCh}	55, 18.955, 215.588
Yxy	22.8895, 0.2524, 0.3101
Android (android.graphics.Color)	4283796630 (0xFF558C96)
YUV	124.6950, 12.4754, -34.8125
Hunter-Lab	47.8430, -14.2197, -6.5262

Details

The XYZ color **18.6294, 22.8895, 32.2904** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.3099, 15.3246, 10.5877**, and the grayscale version is **19.3592, 20.3674, 22.1801**.

A 20% lighter version of the original color is **40.6721, 48.3465, 64.3149**, and **6.4734, 8.5045, 13.1047** is the 20% darker color. If you saturate the color by 10%, you get **17.0759, 21.5939, 32.1226**, and if you desaturate by 10%, it is **20.4801, 24.3499, 32.4751**.

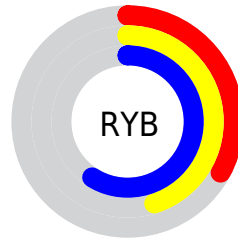
Distribution



Red (33%)

Green (55%)

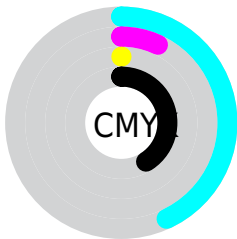
Blue (59%)



Red (33%)

Yellow (45%)

Blue (59%)

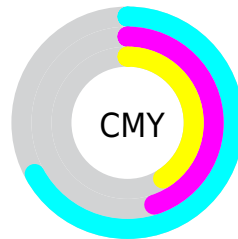


Cyan (43%)

Magenta (7%)

Yellow (0%)

Black (41%)



Cyan (67%)

Magenta (45%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6294, 22.8895, 32.2904 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 18.6294, 22.8895, 32.2904 by changing the saturation by 10% instead.

■ 18.6294, 22.8895,
32.2904

■ 18.6294, 22.8895,
32.2904

237.3727,
267.1569, 326.9734

■ 11.5052, 14.5119,
21.3168

■ 40.6287, 48.2118,
64.3693

■ 6.4775, 8.4776,
13.1622

■ 56.2344, 65.9254,
86.3115

■ 3.1810, 4.4020,
7.4083

■ 75.3981, 87.5197,
112.7471

■ 1.2502, 1.9009,
3.6365

■ 98.4851, 113.3792,
144.0946

■ 0.1454, 0.5489,
1.4281

■ 125.8607,
143.8883, 180.7723

■ 0.0000, 0.0000,
0.1635

157.8902,

■ 0.0000, 0.0000,

179.4314, 223.1991

0.0000

194.9391,
220.3928, 271.7932

■ 18.6294, 22.8895,
32.2904

■ 18.6294, 22.8895,
32.2904

■ 17.0759, 21.5939,
32.1226

■ 20.4801, 24.3499,
32.4751

■ 15.7990, 20.4507,
31.9693

■ 22.6427, 25.9811,
32.6760

■ 14.7788, 19.4503,
31.8299

■ 25.1334, 27.7921,
32.8943

■ 13.9919, 18.5805,
31.7035

■ 27.9668, 29.7904,
33.1307

■ 13.4104, 17.8267,
31.5887

■ 31.1565, 31.9832,
33.3858

■ 13.0851, 17.3620,
31.5161

■ 34.7153, 34.3770,
33.6603

■ 38.6554, 36.9783,
33.9547

■ 42.9885, 39.7931,
34.2697

■ 47.7258, 42.8272,
34.6056

Harmonies

Analogous

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



17.9733, 22.8895, 26.0679



18.6294, 22.8895, 32.2904



20.1265, 22.8895, 37.0296

Triad

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



18.6294, 22.8895, 32.2904



25.6508, 22.8895, 30.0236



21.3643, 22.8895, 15.0800

Complementary

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



18.6294, 22.8895, 32.2904



18.3099, 15.3246, 10.5877

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.



23.4707, 22.8895, 15.7924



18.6294, 22.8895, 32.2904



26.0348, 22.8895, 23.8117

Square

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



18.6294, 22.8895, 32.2904



24.1956, 22.8895, 35.5801



25.2137, 22.8895, 18.7708



19.4857, 22.8895, 16.6393

Rectangle

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



18.6294, 22.8895, 32.2904



21.4461, 22.8895, 38.3487



25.2137, 22.8895, 18.7708



22.0684, 22.8895, 15.0652

Sweetspot

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



18.6301, 22.8904, 32.2909



44.3901, 49.0718, 58.0534



16.7073, 24.5661, 14.6287



9.6290, 10.7254, 12.8475



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.6301, 22.8904, 32.2909



30.2116, 38.1741, 56.6973



14.5881, 14.8063, 30.9436



5.8889, 6.4118, 7.3970



10.8711, 14.4370, 26.1447



0.1496, 0.2097, 0.3255

Inverse Universe

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



20.5604, 14.8750, 26.5995



34.1792, 22.5022, 44.8186



21.8395, 22.3838, 11.7643



5.9974, 5.8940, 7.0923



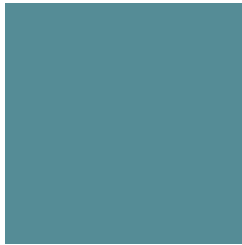
13.6143, 6.6508, 17.2478



0.1750, 0.0847, 0.2550

Previews

White Background



This preview shows how the XYZ color 18.6294, 22.8895, 32.2904 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 18.6294, 22.8895, 32.2904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

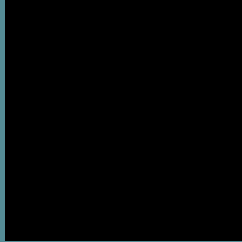
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.6294, 22.8895, 32.2904

Background



This preview shows how black text looks on a background with the XYZ color 18.6294, 22.8895, 32.2904.

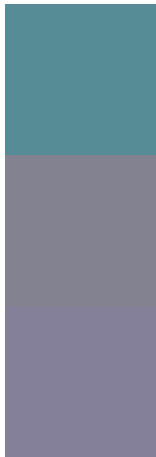


This preview shows how white text looks on a background with the XYZ color 18.6294, 22.8895,

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

18.6294, 22.8895, 32.2904

Protanopia

22.2226, 22.7247, 29.6006

Deuteranopia

23.1418, 22.7248, 33.3036



Tritanopia

18.7103, 22.9218, 32.7164

Trichromacy



Original Color

18.6294, 22.8895, 32.2904

Protanomaly

20.6528, 22.7029, 30.4877

Deuteranomaly

21.1212, 22.4825, 32.9321

Tritanomaly

18.7103, 22.9218, 32.7164

Monochromacy



Original Color

18.6294, 22.8895, 32.2904

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.7161, 21.0015, 25.6215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6294, 22.8895, 32.2904 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(85, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(85, 140, 150)  
}
```

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(85, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 140, 150) }
```

Border

The CSS property to change the border of an element to XYZ 18.6294, 22.8895, 32.2904 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(85, 140, 150) }
```


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

```
.border{ border-color:rgb(85, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(85, 140,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6294, 22.8895, 32.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 140, 150) }
```

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

```
.background{ background-color: rgb(85, 140,  
150) }
```

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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